

TechSaverFX

Practical approach to Enterprise FinOps



Preface



Scalability, Cost effectiveness and on demand access of services has been the fundamental driver of cloud adoption globally. While adopting to cloud computing , the complexities involved in running a public cloud have only become increasingly troublesome to master—and quite expensive Enterprises aspire to leverage the freedom of scalability and performance on demand but in doing so, global cloud spend wastage was exceeded well beyond 21 billion USD annually from last 2-3 years and more is forecasted in coming years as the global cloud adoption is accelerating. Cost management has been identified as number one issue globally across the CIOs of enterprises of all sizes.

Migrating your workloads on cloud is a strategic agenda whereon many manage to underrate the operational challenges that impacts cost. This is where, enterprise-wide cloud cost operations management strategy plays the key role through the many phases of its evolutionary journey across the hybrid cloud landscape. Hence, It has become critical for any organization to adopt to the pragmatic and implementable cloud cost governance best practices, financial process and tooling alignment to drive the hybrid cloud cots transformation in this area. At present, many best of the breed commercial cost

management tools are not very relevant in terms of delivering cost savings are the fail to drive truly open, multi-vendor, scalable and vendor agnostic cloud cost management due to the acquisitions and are now driving the proprietary cloud agenda causing situations like lock-in with no minimal or no room on cost control, as promised initially.

From the outset, CloudFX ConvergedOps platform and its operational model is an integrated yet modular approach to drive the open, adaptable and integrated solution to manage the hybrid cloud landscape from one single platform. CloudFX address all key tenants of Enterprise Cloud operations Management where FinOps represents one of most prominent solution areas of CloudFX ConvergedOps platform suite. Today, we are one of the only cloud and ICT independent Digital and Cloud Service platform providers capable of automating thousands of workloads and yet normalizing consumption, provisioning, service management, analytics, cost management and irrespective of the source of the service. We are proud of where we are but with IoT and AI now in front of us, both driven at some level by API's, we have developed an incredible platform to evolve into different directions.

Challenges



With the advent of hybrid and cloud native infrastructure setup, the organizations have been looking for:

Visibility – Require on demand and real time billing analytics across multi cloud, tenant, service levels etc. Business defined and automated means for adding brokerage and other localization functions besides metering, billing and chargeback Trending, forecasting, budgeting, and alerting.

Governance and Optimization - Many organizations are setting up dedicated teams to first control the spend and secondly identify the areas where costs can be saved not only with the best recommended approaches but through operationalizing the actions without compromising the quality of service(s) consumed.

Hence the enterprises need –

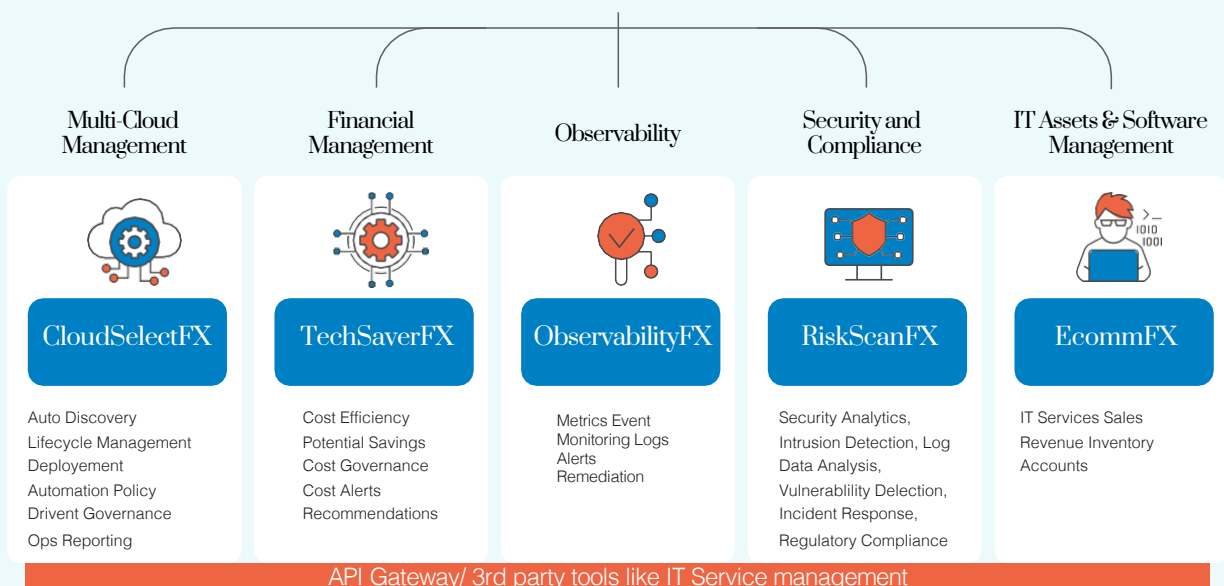
- Intelligent means to control cloud costs without impacting business
- Unified and preferably custom views of spend visibility across the functions across the levels
- Establish cost governance, policies and alerting
- Internal cost metering, billing and chargeback
- Realize the savings by driving the cost savings opportunities

Solution



Established in 2009, Singapore, CloudFX has emerged as a Global leader in Multi-Cloud Operations Management Platforms & Consulting to deliver cutting edge multi cloud management platform solutions. CloudFX platform solutions is a patent pending technology that delivers the promise of multi cloud management by providing real time analytics, deep insights, and remediation to help manage and optimize the cloud consumption and management in an agnostic manner. It is an integrated yet modular approach to manage all key cloud operational challenges like complexity, cost and governance. Cutting edge platform combined with the consulting services enables enterprises build the practice of Enterprise cloud operations management, financial accountability and governance to enable distributed teams to make business trade-offs between speed, cost, and quality of cloud services.

CloudFX SinglePaneFX



Existing Apps



Public Cloud Services



Existing Data Centres



SaaS Apps



Cloud Native Apps

CloudFX TechSaverFX:



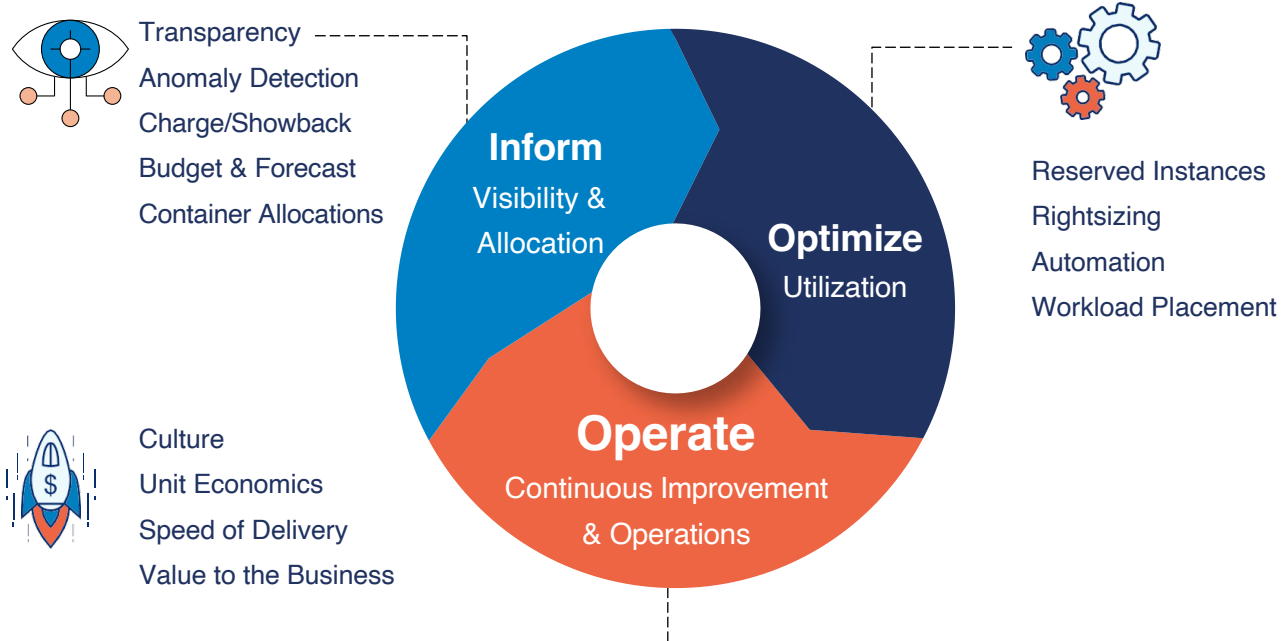
CloudFX TechSaverFX is a serverless technology to deliver the promise of multi cloud cost management by providing real time analytics and deep insights to help manage and optimize the cloud spending in an agnostic manner. Platform combined with the consulting services enables enterprises build the practice of bringing financial accountability to the variable spend model of cloud, enabling distributed teams to make business trade-offs between speed, cost, and quality.

From analyzing historical data, managing expenses, optimizing resources towards establishing cost governance across the cloud infrastructure, FinOps delivers visibility, control business aligned efficiency across your cloud environments.

TechSaverFX framework - FinOps



FinOps is the operating model for the cloud – combining systems, best practices, and culture to increase an organization’s ability to understand cloud costs. It is the practice of bringing financial accountability to cloud spend – enabling global teams to make informed business decisions. FinOps empowers collaboration between IT, Engineering, Finance, Procurement, and the business. It enables IT to develop into a service organization that focuses on adding value to the business with cloud technology.



TechSaverFX FinOps model- 3 phase Iterative model establish baselines, optimize rates and usage patterns and drive operations to the right balance of cost efficiency and business value.



Insight

- Dashboards & Reporting
- Direct Chargeback
- Anomaly Alerts
- Budgets & Forecasting



Optimize

- Terminate Idle Resources
- Schedule Server run times
- Right size Resources based on utilisation
- Use Serverless technologies



Operate

- Continuous Improvement
- Align with Finance and Line of Business
- Evaluate the value to the business

With commitment and regular measurement and transparency, manual execution can establish confidence and trust, and only then do you move toward automated optimization. The great thing about optimizing in the cloud is that wins can come fast and early with the right information, while investments in later stages toward automation are really about ensuring that optimization just becomes part of the fabric and consumes far less of anyone's time.

TechSaverFX - Cost efficiency



A very simple efficiency score that is quite effective is calculated as follows:

$$\text{cost efficiency} = (\text{current cost} - \text{potential savings}) / \text{current cost}$$

This nets a low score if the unexecuted potential for savings is high relative to the current cost. As the gap narrows the score goes up.

Cloudfx TechSaverFX offers the following value, benefits, and business outcomes

- Get visibility into where your current cloud costs are
- Gain knowledge and expertise on how to save money on cloud workloads
- Understand what resources and knowledge is required to keep risk low
- Identify your actual saving potential
- Manage optimization changes to realize the identified savings
- Spend less time searching for savings
- Avoid technical and licensing pitfalls related to the implementation of cost savings
- Make quick informed decisions with visibility into potential savings and their impact
- Avoid spending time on driving decisions to apply suggested optimization changes
- Increase the likelihood of achieving business goals related to budget and services

Next Steps for Building an Effective FinOps Practice

CloudFX Cloud Advisor team has helped numerous large enterprises meet complex cloud financial management goals. Schedule a 1:1 consultation with our Advisors at www.cloudfx.com/demo to review your FinOps approach and get complimentary advice on how to make your strategy more automated and integrated.

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