UNLOCK HIDDEN COST OPTIMISATION OPPORTUNITIES USING INFOSYS CLOUDOPS OFFERING
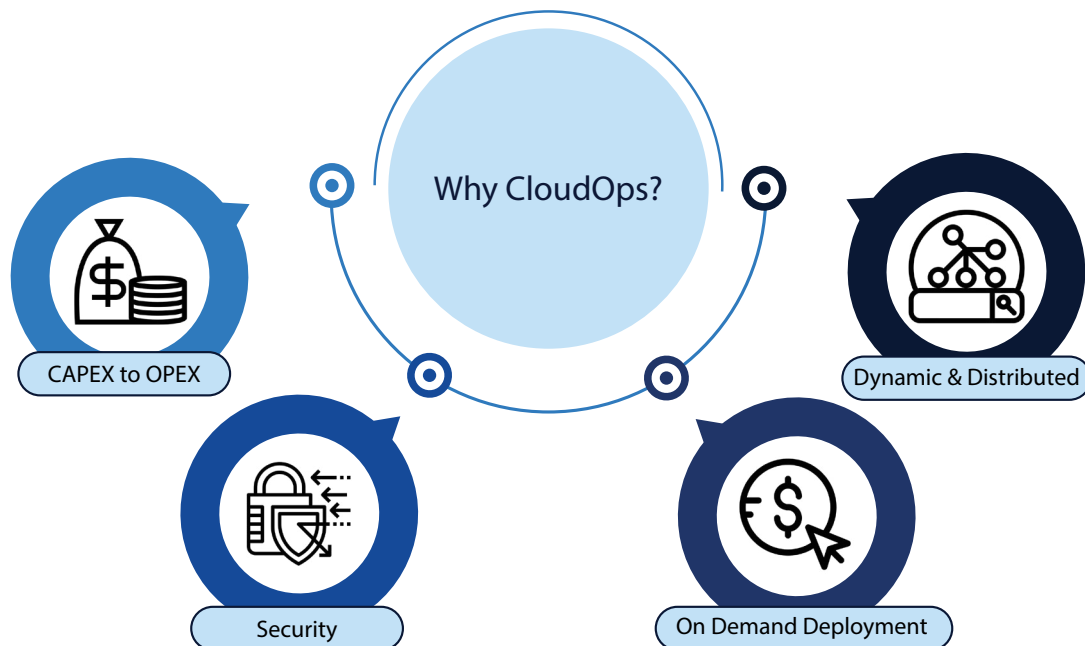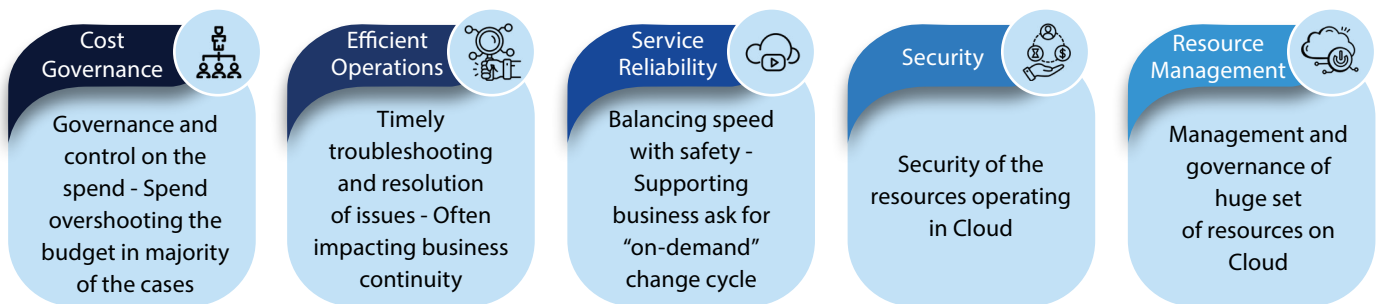
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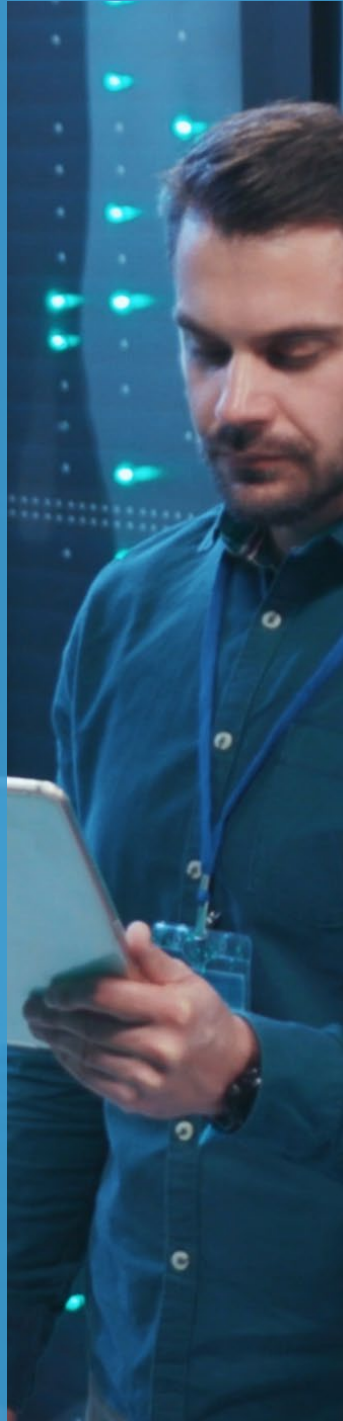
Context

Over the last several years, enterprises worldwide have been driven towards cloud adoption due to factors such as Agility, Time to Market, and Zero Capex. The onset of Covid-19 further accelerated this trend by acting as a catalyst, compelling enterprises to expedite their digital transformation and transition to the cloud.

However, in this process, instead of implementing a suitable operating model tailored to the distinct characteristics of the cloud environment, enterprises borrowed the traditional IT Ops model for Cloud Operations. This gap becomes apparent after the migration, as concerns such as cost governance and optimization, observability, service reliability, and security have risen to the forefront as key challenges for enterprises.

Specific Challenges that Enterprises face today

With focus on accelerated cloud adoption, most of the enterprises adopted the "lift and shift" approach for workload migration as well as the operations model. The common concerns we are witnessing post migration to cloud in the industry are –

Cost Governance

Governance and control on the spend - Spend overshooting the budget in majority of the cases

Efficient Operations

Timely troubleshooting and resolution of issues - Often impacting business continuity

Service Reliability

Balancing speed with safety - Supporting business ask for "on-demand" change cycle

Security

Security of the resources operating in Cloud

Resource Management

Management and governance of huge set of resources on Cloud

Why CloudOps?

- CAPEX to OPEX
- Dynamic & Distributed
- Security
- On Demand Deployment

The distinct characteristics of cloud environment require different strategy and focus for operations. These unique characteristics are – radically different costing model (from CAPEX to Pay per Use), dynamic and distributed nature of the IT estate, support for on-demand deployment, security operations and building automation suite for governance and management of cloud resources. These need specific focus to have streamlined and well managed operations in cloud.

Infosys CloudOps

Infosys CloudOps solution puts right focus on the dimensions of FinOps, Observability, Reliability, Security and Automation to drive efficient operations, unlock hidden cost optimization opportunities and deliver value to enterprises.

Infosys CloudOps offering integrates all the unique elements of Cloud to provide a cohesive and holistic approach towards Cloud Operations which serves as a foundation of next generation AMS engagements on cloud hosted, cloud native applications.

Focus Areas
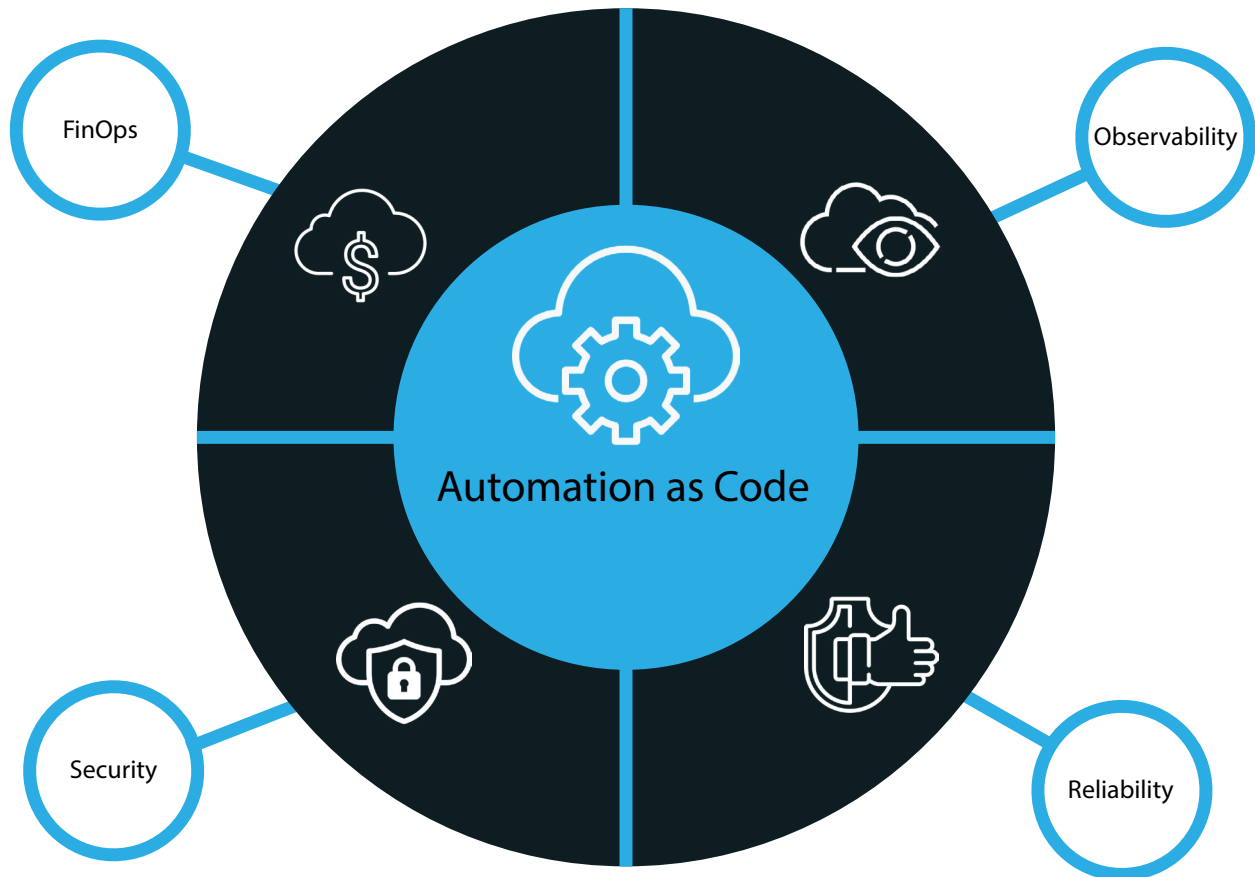
FinOps	Cost Conscious Engineering approach for "App + Data + Infra" dimensions to Maximize Cost Optimization	
Observability	Moving beyond 1-dimensional monitoring, and towards 3-dimensional observability to help Ensure Business Continuity	
Reliability	Balancing speed and safety for Reliable Services during rapid change Cycles	
Security	Integrating security in the core of operational capabilities to Safeguard Security Of Cloud Resources	
Automation as Code	Engineering principled automation for Effective Management Of Cloud Resources	

Approach

Platform Engineering	Tools & Accelerators	Micro-Modernization
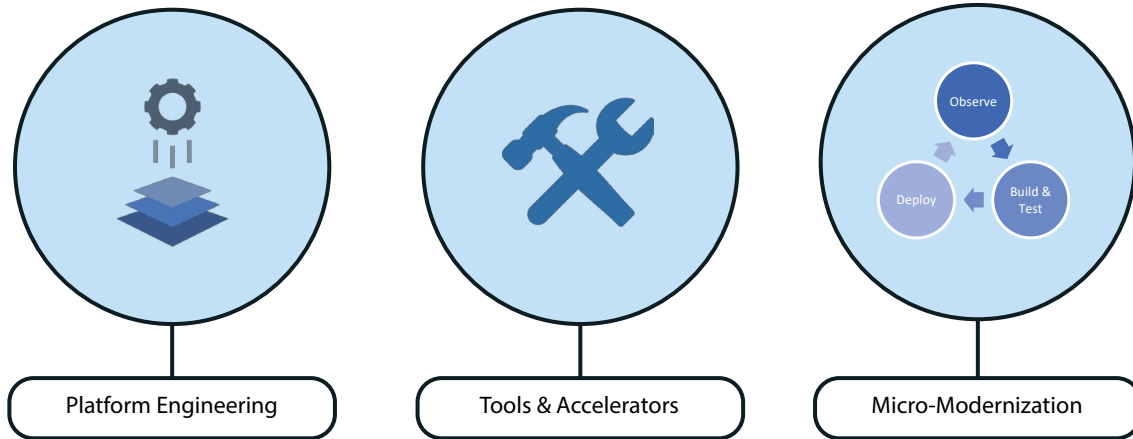
We believe that post migration to cloud, modernization must happen continuously in micro cycles (termed **Micro-modernization**) - by observing the live application and service behaviour through a robust observability solution, drawing concrete inferences to improve and modernize across dimensions of reliability, security, performance, scalability and building the cost conscious engineering solutions.

All this will be enabled by **robust platform engineering** approach leveraging **tools and accelerators.**

Business Outcomes

- Increase the Cost Optimization Opportunities coverage from 30% to 70%.
- Reduce Cloud Spend by 30-50% over next 2 yrs.
- Enhanced Business Continuity along with accelerated delivery.
- Business Metric observability for rightful decision making.

Interested to learn how we delivered 40% cloud OPEX reduction for a large energy company?
Please contact our experts to navigate your next

Thank You

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