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Round Table

Cloud Adoption in the Post Pandemic World -Imperatives & Challenges

October 2022

AGENDA



Introduction

Topic, Speakers, Format (5 min)



Keynote-1: Sunil Sarat

SVP – Global Client Solutions Leader (Cloud Unit), Microland

- The changing Cloud Environment
- Key Areas to Focus in the journey (10 min)



Keynote-2: Benil George AVP - Client Solutions (Cloud Unit), Microland

- Good practices for Cost & Compliance
- Automation in Cloud adoption (15 min)



Experience Sharing

Roundtable Discussion, Q&A (25 min)



Vote of Thanks and Closing Remarks (5 min)

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ORGANIZER Tilak Kumar R C NASSCOM Bangalore, India



Introduction

- Topics
- Speakers
- Session Format



SPEAKER Sunil Sarat SVP – Global Client Solutions Leader Cloud Unit Bangalore, India



SPEAKER & MODERATOR Benil George AVP - Client Solutions Cloud Unit Bangalore, India

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Keynote-1

- The changing Cloud environment
- Key areas to focus in the journey



Sunil Sarat

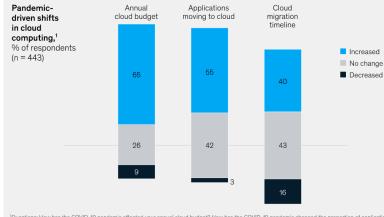
SVP – Global Client Solutions Leader Cloud, Data Center & Apps Microland

The changing Cloud environment - Market View

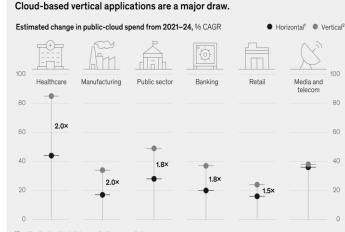


- 1. According to Gartner, The proportion of IT spending that is shifting to cloud will accelerate in the aftermath of the COVID-19 crisis, with cloud projected to make up 14.2% of the total global enterprise IT spending market in 2024, up from 9.1% in 2020.
- 2. Cloud spending is expected to grow over the next several years. Demand is especially high in Canada, the Asia/Pacific region, and Central and Eastern Europe.(Source: IDC)
- 3. BFSI and Manufacturing showed significant increase in cloud adoption post pandemic.(Source: market.us)
- 4. Emerging technologies like Artificial Intelligence and Machine Learning enable cloud growth by allowing companies to tap into AI capabilities. (Source: market.us)

Companies aim to shift the majority of their IT-hosting spend to the cloud.

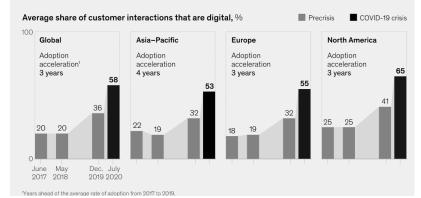


'Questions: How has the COVID-19 pandemic affected your annual cloud budget? How has the COVID-19 pandemic changed the proportion of applications you are migrating to the cloud? How has the COVID-19 pandemic changed your migration timelines? Source: McKinser ITaaS Survey: 2020–21



¹IT and functional workloads that are applicable across verticals. ²Vertical-specific workloads that are closely tied to the verticals' operations Source: McKinsev (TasS Survey, 2020–21

The COVID-19 crisis has accelerated the digitization of customer interactions by several years.



Key Challenges

- Perceived Lack of Security and Data Protection
- Lack of talent to manage cloud services
- Data Location / Sovereignty
- Vendor Lock-in Fears

The changing Cloud environment – Key Drivers



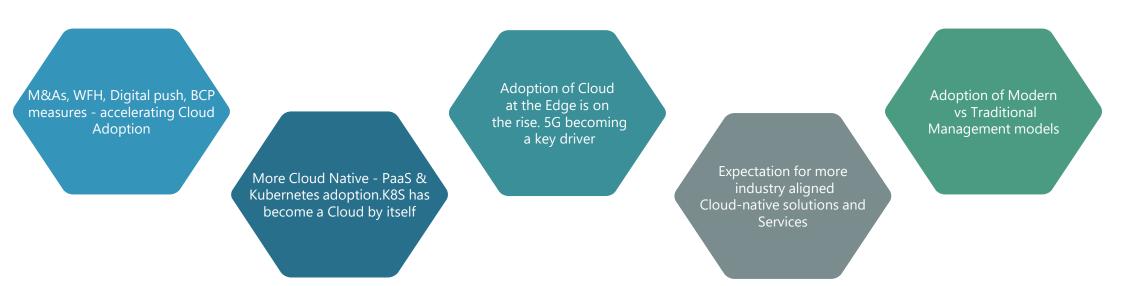
Business Reasons driving the change-Post Pandemic

- Business resilience
- Evolution of business operations
- Remote working
- Healthcare investments
- Online education
- Accelerated investments from the public sector
- Renewed focus on environmental sustainability

Experience with clients:

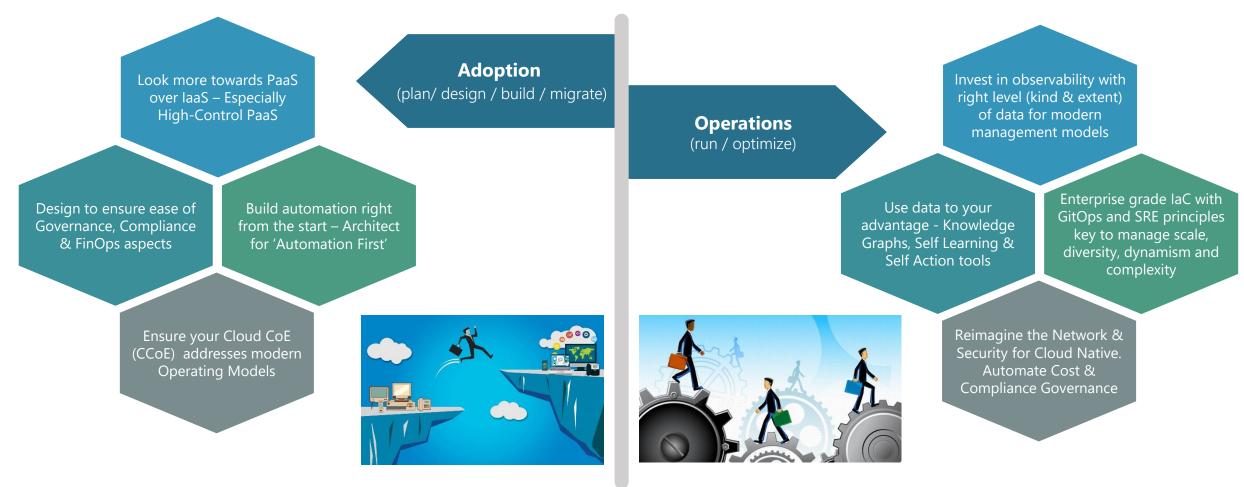
Cloud Adoption during possible Global Recession

- **Cash-flow restrictions** could urge businesses to **adopt more cloud services** rather than capex investments.
- In the **short term**, operational **Cost & Efficiency optimization** could take priority
- Assertions of sovereignty over digital business and talent shortages could indirectly slow down adoption for some time
- Overall, the **impact in the short term** (+ or -) **will not be significant** and long-term impact will be assessed in Q1, 2023



Key areas to focus for the modern Cloud journey

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Cloud Native | Multi-Cloud | Automation First | Cost and Compliance | Modern Operations

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Keynote-2

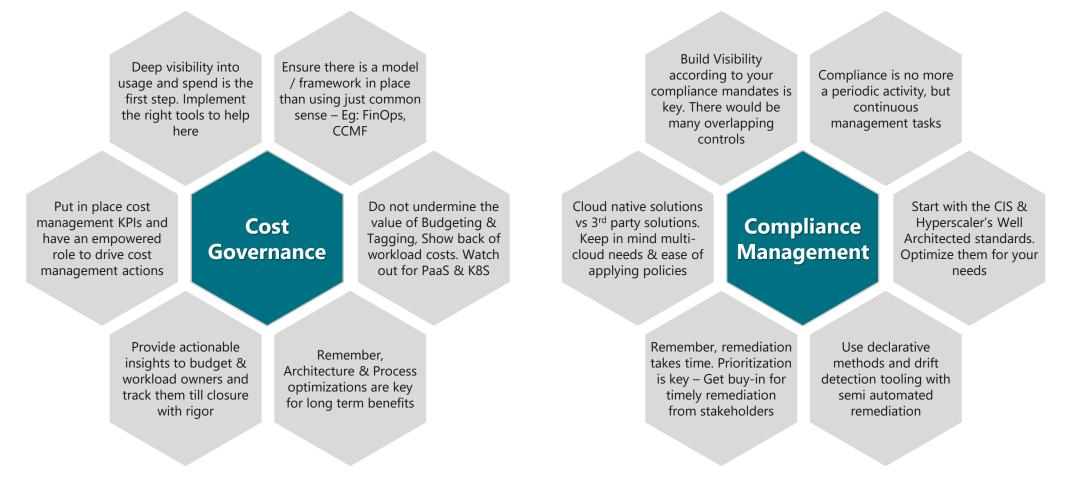
- Good practices for Cost & Compliance
- Automation in Cloud Operations



Benil George AVP - Client Solutions Cloud Unit

Good Practices - Cost and Compliance Management





Automation in Cloud operations - Good Practices

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Value of moving to cloud is better realized when you have **automated operations** – Imagine Ferraris on our roads

Do not undermine the effort needed to onboard, update and maintain the toolsets – it can be daunting



Good Practices

Have **developers in the ops** team - **Re-skilling** administrators **is key**, but their brains are not wired like developer's

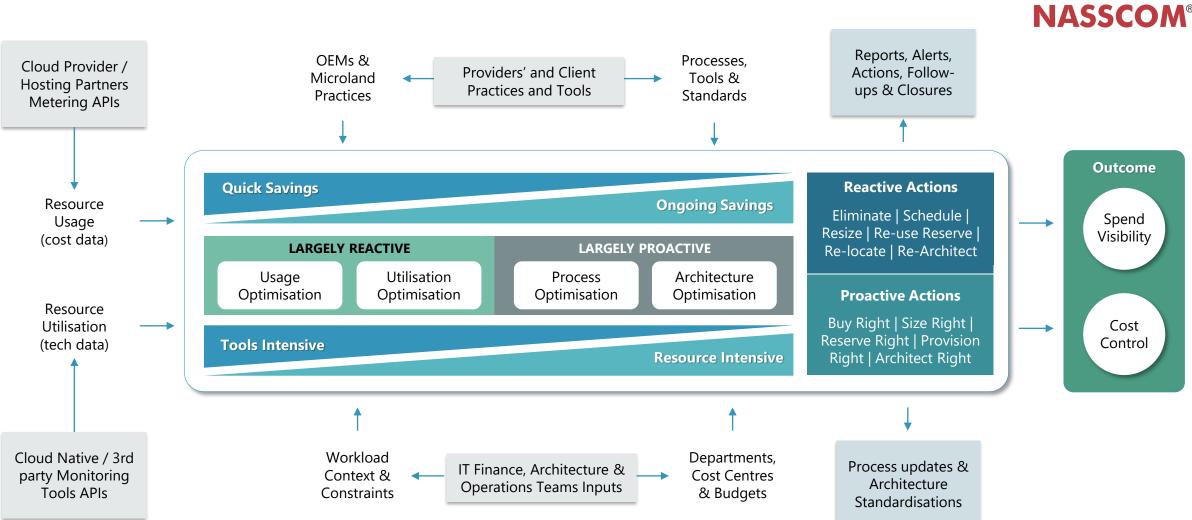
Adopt a **declarative model** of management with GitOps principles – **no changes done outside the tools**



Automation in Cloud operations - Pitfalls to Avoid

- Trying to find the best tool that fits all your needs There is no such tool
 - Measuring benefits of automation in terms of 'people reduction' – Look at it holistically
 - Trying to just automate manual processes that's Ops Automation not Automated Ops – Know the difference
 - SRE is great, but see what aspects you could take from it – It may not be the best for all needs





CloudEconomics with Cloud Cost Management Framework (CCMF)

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SmartGovern - Framework for Governance and Compliance





SmartCloudOps - Microland's Cloud Operations Philosophy

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Use Modern Methods for Modern Cloud Operations Data Driven Management Using Code

- Promote Self-Service
- Arrest Cost Leaks
- Reduce Non-Compliance
- Contain Resource Sprawl
- Maximize Automation
- Enable Faster Releases

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Experience Sharing Round Table Discussion



MODERATOR AVP - Client Solutions Cloud Unit



THANK YOU

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Panel Discussion - Initiators



Adoption & Imperatives:

- 1. What has changed in your cloud adoption strategies? Does industry data reflect your situation?
- 2. Cloud Native adoption patterns What are the challenges that you see and how are you addressing them?
- 3. Should cloud migration assessments change/ be optimized? Eg: Industry alignment or Edge adoption
- 4. All talk about app & data modernization. How critical is the role of network & security modernization?

Challenges & Solutions:

- 1. Have you adopted any specific framework for cloud cost management? What has been your experience?
- 2. What are the top 3 challenges you see when it comes to adoption post pandemic? How are you addressing it?
- 3. How are you automating cost & compliance management? What do you see as lacking in the tools available?
- 4. IaC, GitOps and SRE what is our level of adoption? What are the challenges here and how have you addressed it?