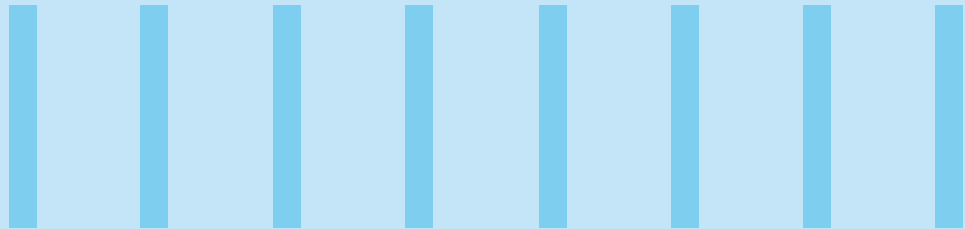






## CLOUD REPATRIATION: NAVIGATING THE PIVOTAL SHIFT




The rising need for compliance, security and control of data is signaling a perceptible shift in cloud usage, with financial enterprises pivoting to private and hybrid cloud strategies. Key findings from the recently published Infosys Bank Tech Index survey indicate ‘cloud repatriation’ as the next big theme with private cloud potentially outpacing public cloud usage over the next three years. Emerging trends indicate



Banks gravitating from public to private cloud over the next three years

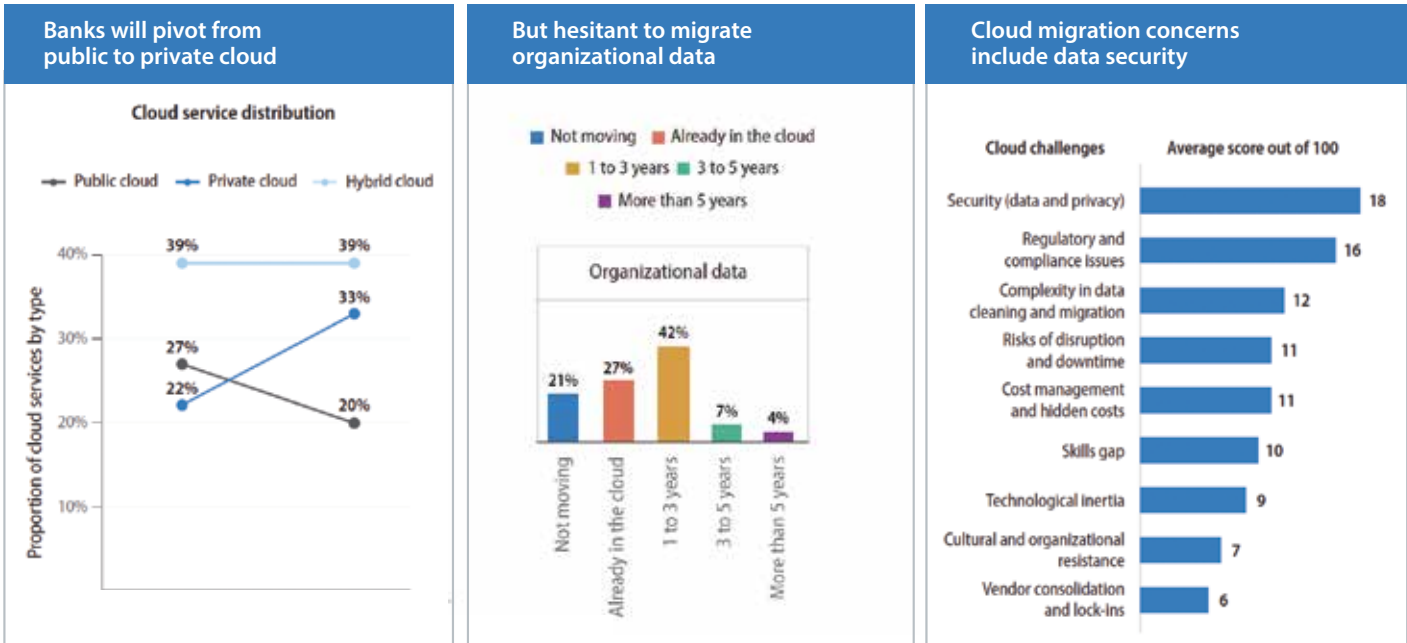


Core, non-core workloads will be in focus for the distribution




Top drivers for repatriation include data privacy & security, and regulatory compliance

Cloud repatriation is a big theme among banks over the next three years




Key Drivers for Cloud Repatriation


The right cloud strategy, coupled with a full-throttle, automation-centric approach, is a key enabler of repatriation, with primary drivers classified as:




**Data Privacy & Security**  
Among the top challenges of cloud migration is the need for control and enhanced security of data, compute, and models, accelerated by Gen AI adoption.




**Latency Requirements**  
Need for better performance of latency-sensitive core apps is gravitating the move to workload-centric dedicated infrastructure.



**Regulatory & Compliance Requirements**  
Complexity of navigating differing compliance requirements across countries, and macro and micro-level concentration risks with CSPs.



**Right Home for Right Workload**  
As the work intake model becomes predictable over time on cloud, enterprises are evaluating placement strategies with a trade-off between opex and an infra-optimized hybrid environment. Limited customization opportunities for cloud with certain workloads is also a key consideration.



**Cost Management**  
Hidden charges such as egress, overprovisioning, and lack of predictability in public cloud cost models.

## READY- Repatriation Strategy

Having a **READY** strategy is essential for repatriation, this includes

**R**ight cloud-right workload strategy – for determining workloads best suited for repatriation and designing hybrid, cloud aligned, zero trust architectures

**E**ffective financial engineering: Right sizing capacity, optimizing allocations, governance, and well-defined exit strategy to address cost predictability concerns

**A**utomation anywhere strategy – configuration management, threat detection and continuous monitoring solutions, IAM+ platforms

**D**ata distribution strategy - Data distribution by sensitivity, adopting API Centric Integration, private cloud hosting for stricter access controls, and adherence to data localization requirements

**Y**ard selection strategy – region and domain segmentation strategies to balance public & private Cloud Infrastructure.

## Bridging the shift with Infosys

Infosys offers a comprehensive set of repatriation services, from strategy advisory to solutions, to enable financial services navigate this strategic shift. Infosys AI augmented offerings can help streamline the repatriation process, ensuring efficiency and consistency.

Offerings		Offerings Deep Dive	Value to Repatriation Programs
Advisory	Hybrid Cloud Strategy and Adoption Services	<ul style="list-style-type: none"> <li>Cloud Spend Analysis, Maturity Assessment with Infosys Cloud Maturity Model framework</li> <li>Devise Hybrid Cloud strategy – Operating Model, Data &amp; Domain Segmentation, Robust Exit Strategy, Best practices</li> <li>Design and Implement Hybrid Cloud Architecture with iLEAD, iLEAD Architecture Assist for infra review and optimization</li> </ul>	<ul style="list-style-type: none"> <li>Location Strategy, Workload Intake Model and Migration Roadmap</li> <li>Ensures Right workload to right home</li> </ul>
	Platform Engineering Services	<ul style="list-style-type: none"> <li>Enforce technology standards, containerization for portability: iLEAD Architecture to Code, K8, Enterprise Container Platform</li> <li>Auto provisioning &amp; orchestration with Terraform, Backstage, Port</li> </ul>	<ul style="list-style-type: none"> <li>Automating velocity of repatriation and hybrid cloud ecosystem</li> </ul>
	Industrialize and Scale	<ul style="list-style-type: none"> <li>Remediate workloads with Infosys Migration Factory &amp; AI powered iLEAD suite for app &amp; data workload migration</li> <li>Automated, high velocity deployments with Infosys DevOps offerings</li> </ul>	<ul style="list-style-type: none"> <li>Compliance and Data Control</li> <li>Faster deployment, Risk Neutral Migration</li> </ul>
Build & Migrate	Manage & Monitor	<ul style="list-style-type: none"> <li>AI driven Operations, monitoring and management Infosys Polycloud platform</li> <li>Customized blueprints for cost optimization and management with intelligent recommendations for capacity planning, cost metering &amp; analysis</li> <li>Infosys Live Engineering Platform for SDLC Tooling</li> </ul>	<ul style="list-style-type: none"> <li>Single pane of management, optimized private cloud</li> <li>Cost optimization, reduced cloud spend</li> </ul>
	Lifecycle Management	<ul style="list-style-type: none"> <li>Infosys Regulatory Compliance, Data Sovereignty Advisory Services and Offerings</li> <li>SRE Automation Platform, Cyber Next Suite for Reliability, Security as a service, respectively</li> <li>AI powered QE Platform for automated regression, performance, specialized testing</li> <li>Strategic Partner benefits with SaaS Technology Clouds ( Salesforce, Snowflake, Databricks) and Hybrid cloud partners ( HPE, Nutanix)</li> </ul>	<ul style="list-style-type: none"> <li>Compliance with Regulatory &amp; Data Sovereignty laws</li> <li>High Reliability, accelerated Repatriation</li> </ul>
Manage & Optimize			

As financial enterprises increasingly deliberate the move to private cloud, on-prem estate, they should approach the decision based on value realization from public cloud strategy versus costs incurred and long-term ROI expected from repatriation.

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