CloudOps for Digital Disruption
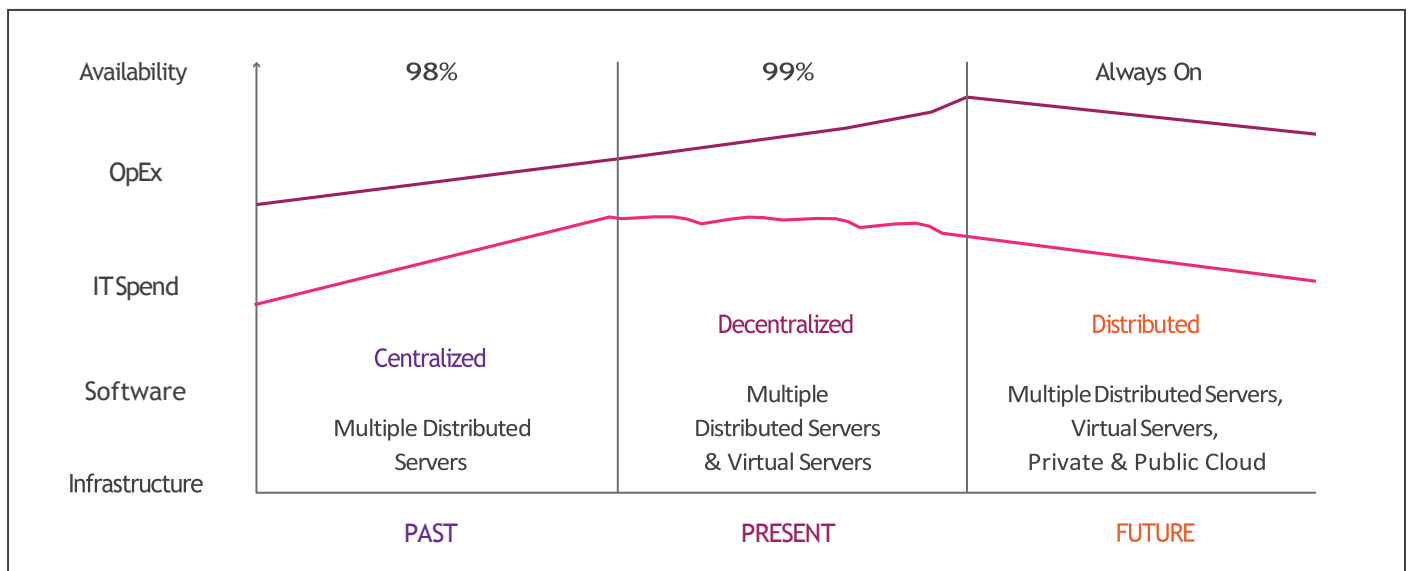## Transform IT. Accelerate IT. Adopt IT

CloudOps: Deliver business and service value with XaaS – Everything as a service and enable your services to achieve ASCENDANCY

A: Agility S: Scalability C: Capacity E: Efficiency N: Nimble D: Digital A: Availability N: Nexus C: Cost Savings Y: Yes-ability

Digital disruption:

Digital disruption coupled with strategic planning, impeccable execution and robust governance is the only way to make IT reach ASCENDANCY. The below illustration describes the evolution of digital disruption.

	98%	99%	Always On
Availability			
OpEx			
IT Spend			
	Centralized	Decentralized	Distributed
Software	Multiple Distributed Servers	Multiple Distributed Servers & Virtual Servers	Multiple Distributed Servers, Virtual Servers, Private & Public Cloud
Infrastructure			
	PAST	PRESENT	FUTURE

Embracing digital disruption can be challenging:

Commodification can weigh your services down. The paradox of cloud adoption or traditional datacenter can keep you perplexed. Typical challenges could include:

- Integration with existing architecture
- Systems availability during migration
- Legacy applications
- Cost of transition
- Security
- Data loss

Leveraging digital disruption to transform IT

Companies are aiming to transform services from being asset-heavy to asset-light with digital disruption. Scalable and agile infrastructure is imperative to magnify the benefits of numerous applications that companies adopt from niche market players.

End-to-end digitization is not about adopting the best workloads from best industry players. It is about binding multitude of workloads together. Tightly integrated environment, coupled with agility and availability results in transformed IT.

The first right step for transformation is analysis and evaluation, because not every workload is meant for cloud. Right advice and consultation is fundamental for an effective cloud journey which eventually results in faster, better, quicker and cheaper solution.
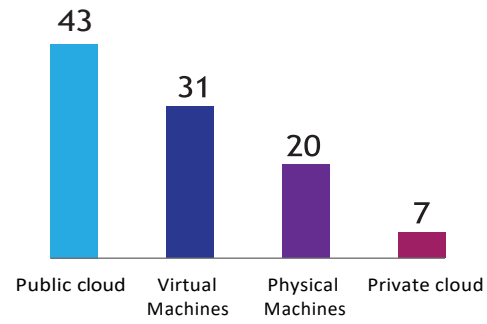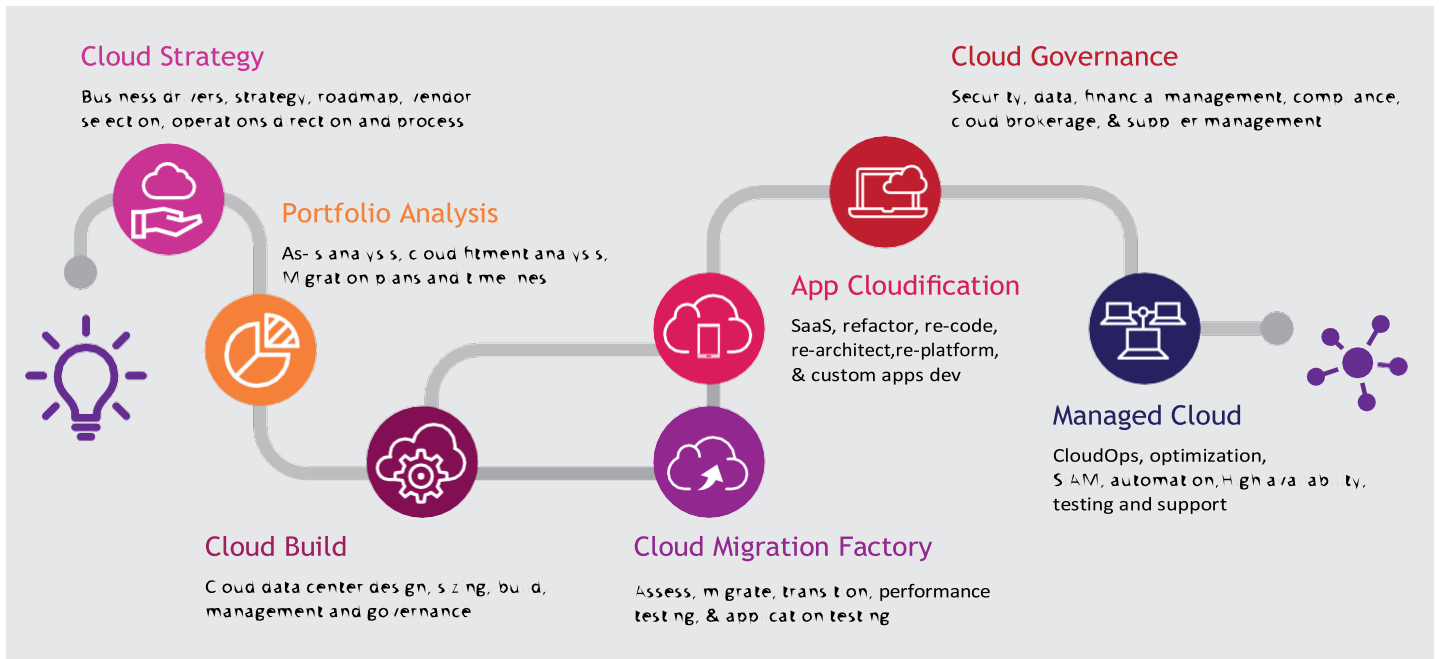
Figure 1: Current computing resources split by location type

Public cloud	Virtual Machines	Physical Machines	Private cloud
43	31	20	7

Mindtree CloudOps – Transform IT. Accelerate IT. Adopt IT

Mindtree's solution focuses on achieving the right balance by not only adopting cloud but also by continuous adoption of automation and optimization of services, platforms and underlying infrastructure. We believe in a firm foundation and hence initiate the cloud journey through our advisory services to define an optimum cloud strategy, followed by migration/implementation through our factory model and finally providing operational support.

Cloud Strategy
Business drivers, strategy, roadmap, vendor selection, operations direction and process

Portfolio Analysis
As-is analysis, cloud fitment analysis, Migration plans and timelines

App Cloudification
SaaS, refactor, re-code, re-architect, re-platform, & custom apps dev

Cloud Governance
Security, data, financial management, compliance, cloud brokerage, & supplier management

Managed Cloud
CloudOps, optimization, SAM, automation, High availability, testing and support

Cloud Build
Cloud data center design, sizing, build, management and governance

Cloud Migration Factory
Assess, migrate, transition, performance testing, & application testing

Final State – The Transformed IT

The transformed IT can be achieved through digital disruption and Mindtree will pave your way with right mix of both high and low. The diagram below showcase the benefits to enable your IT reah Ascendancy.

Low
- Resources Cost
- Redundancy
- Capital Expenditure
- Operational Cost
- IT Spending
- Maintenance Cost
- cost of Ownership
- Asset-light
- Time to Market
- Complexity

High
- → Hardware Utilization
- → Availability
- → Scalability
- → Elasticity
- → Security
- → capacity
- → Efficiency
- → Mobility
- → Business Agility
- → Operational Savings
- → Cost Savings

Author: Himanshi Mundeja, Sales & Solutions Lead - IMS