Quest
GROUP

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Multi-Cloud

Enabling Choice
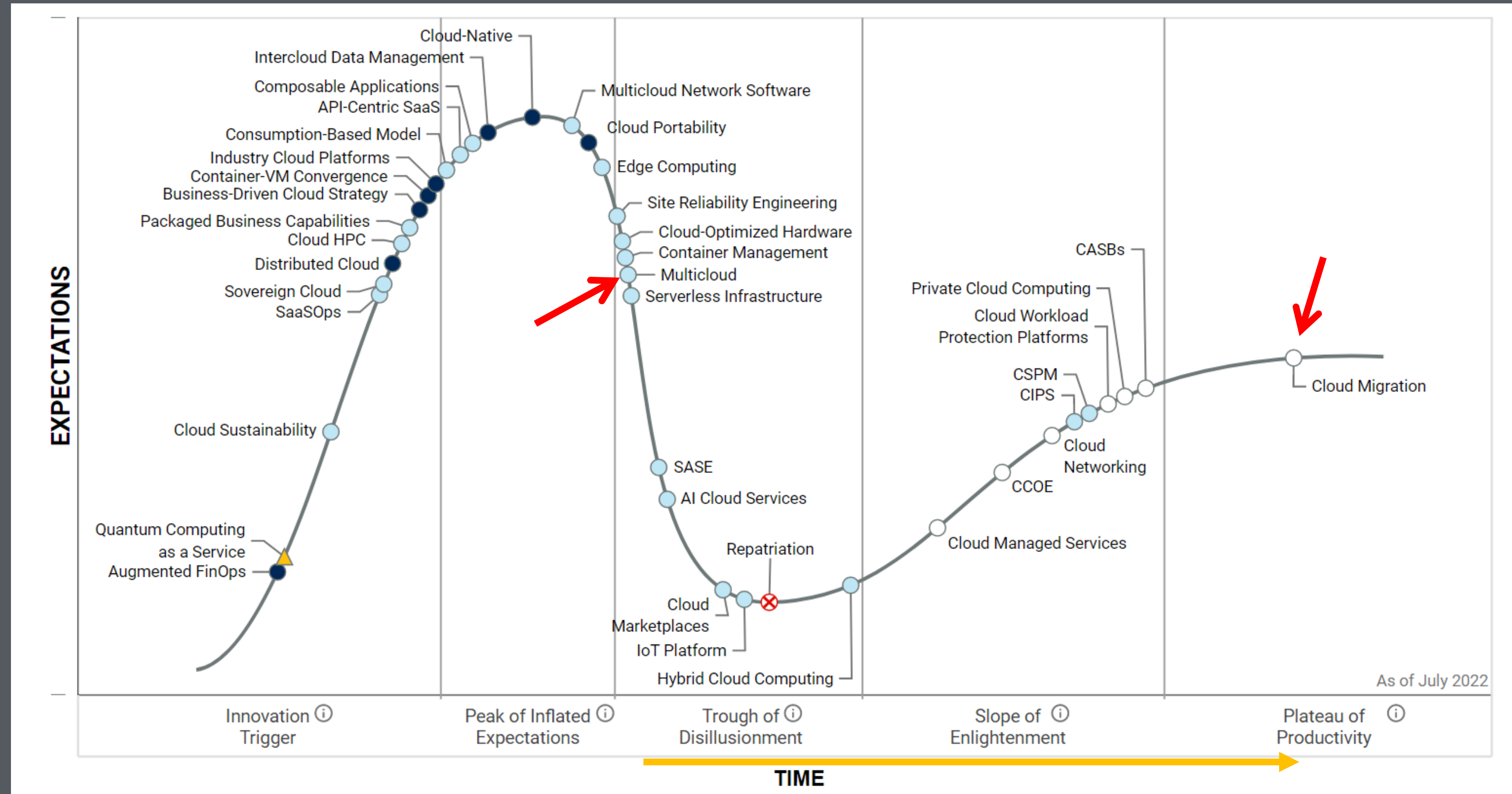
Multi-cloud

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Current State

Multi-cloud is used already. Accidental multi-cloud
- Business Unit IT cloud decisions – Shadow IT Cloud Adoption
- Acquisitions & Merges
- Procurement-based to encourage competition
- Multi-cloud Strategy

Definition

- Multi-cloud refers to the intentional use of cloud services from multiple public cloud providers for the same general class of IT solutions or workloads.

- Hybrid Cloud (Private + Public Cloud) is not Multi-Cloud
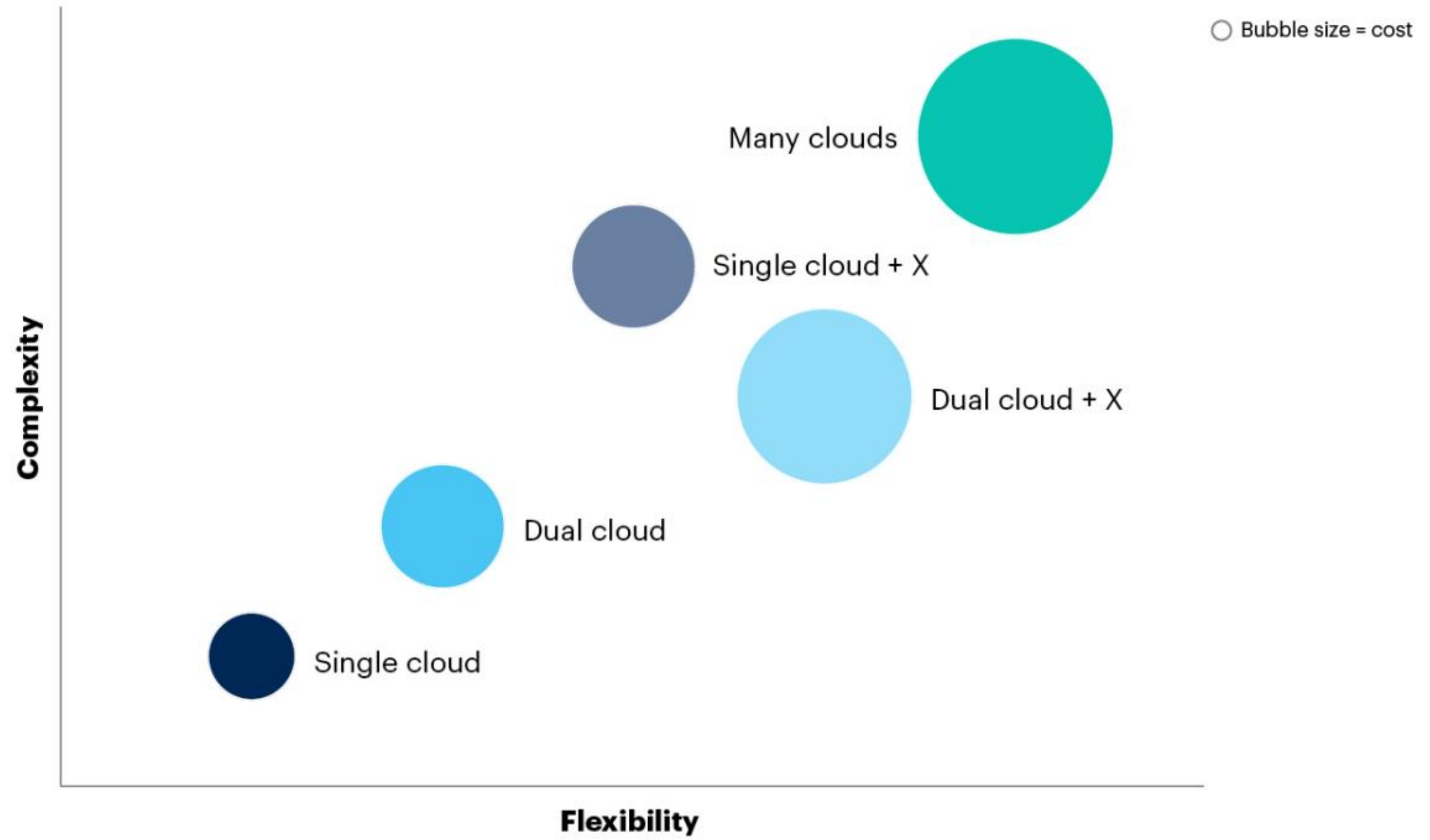- While multi-SaaS environments are possible, these would typically be Apps that have to be integrated.

Multi-cloud Trends

Hype Cycle for Cloud Computing, 2022, Gartner

3

Multi-cloud Trends

Five Multicloud Strategies

○ Bubble size = cost

Many clouds

Single cloud + X

Dual cloud + X

Complexity

Dual cloud

Single cloud

Flexibility

Source: Gartner
741389_C

Gartner.

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Executive leaders must **balance the greater flexibility and breadth of technology options** offered by a multi-cloud strategy against the greater **complexity and possible increased costs** of such a strategy.

Multi-cloud Trends

Top Reasons for Working With Multiple IaaS Providers
Based on ETA Profile

■ Top Selected Answer for Each Group

	Total	Agile Leader (FID)	Ambitious Leader (ABD)	Fast Follower (SCD)	Reluctant Follower (ACR)	Disciplined Follower (SIR)	Conflicted Laggard (FCM)	Disinterested Laggard (ABM)
Base Size	547	125	48	61	58	66	133	56
Improving Availability	**37%**	**42%**	31%	**43%**	31%	32%	**39%**	32%
Selecting Best-of-Breed Capabilities	34%	35%	**33%**	41%	31%	39%	26%	**41%**
Satisfying Compliance Requirements (e.g., Avoiding Concentration Risk)	34%	38%	**33%**	33%	33%	27%	36%	27%
Improving Competitive Pressure in Negotiations	26%	29%	**33%**	26%	19%	20%	28%	21%
Avoiding Lock-In	25%	21%	27%	25%	21%	**42%**	22%	29%
Gaining Improved Geographical Coverage	21%	22%	19%	16%	24%	20%	24%	18%
Individual Business Units Choose Their Own Providers	19%	10%	17%	11%	**38%**	14%	25%	25%

Q: B3 What are the top two reasons why your organization works with multiple public cloud infrastructure (IaaS) providers?
Source: Gartner 2020 Cloud End-User Buying Behavior Survey
756430_C

Gartner

Benefits and Drawbacks of a Multi-cloud Model

Access to More...

Technology Capabilities

Geographic Locations

Supplies & Partners

Reduce Risks from...

Vendor Concentration

Vendor Viability
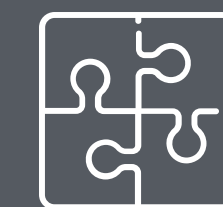
Lock-in

But Increases the Complexity related to...

Management & Governance

Data Dispersion

Vendor Relationships

Integration

Employee Skills

Cost

Recommendations

Coordination and strategy across the enterprise

Purposeful Strategy, coordinated to Cloud strategy

Security, management, governance guidelines and standards

Choose Cloud native technologies that abstract from the underlying tech (e.g. Containers)

Training and skill development across roles and evaluate managed services option

Choose a multi-cloud management platform that enables you to manage your infrastructure and workloads across multiple clouds

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Thank you