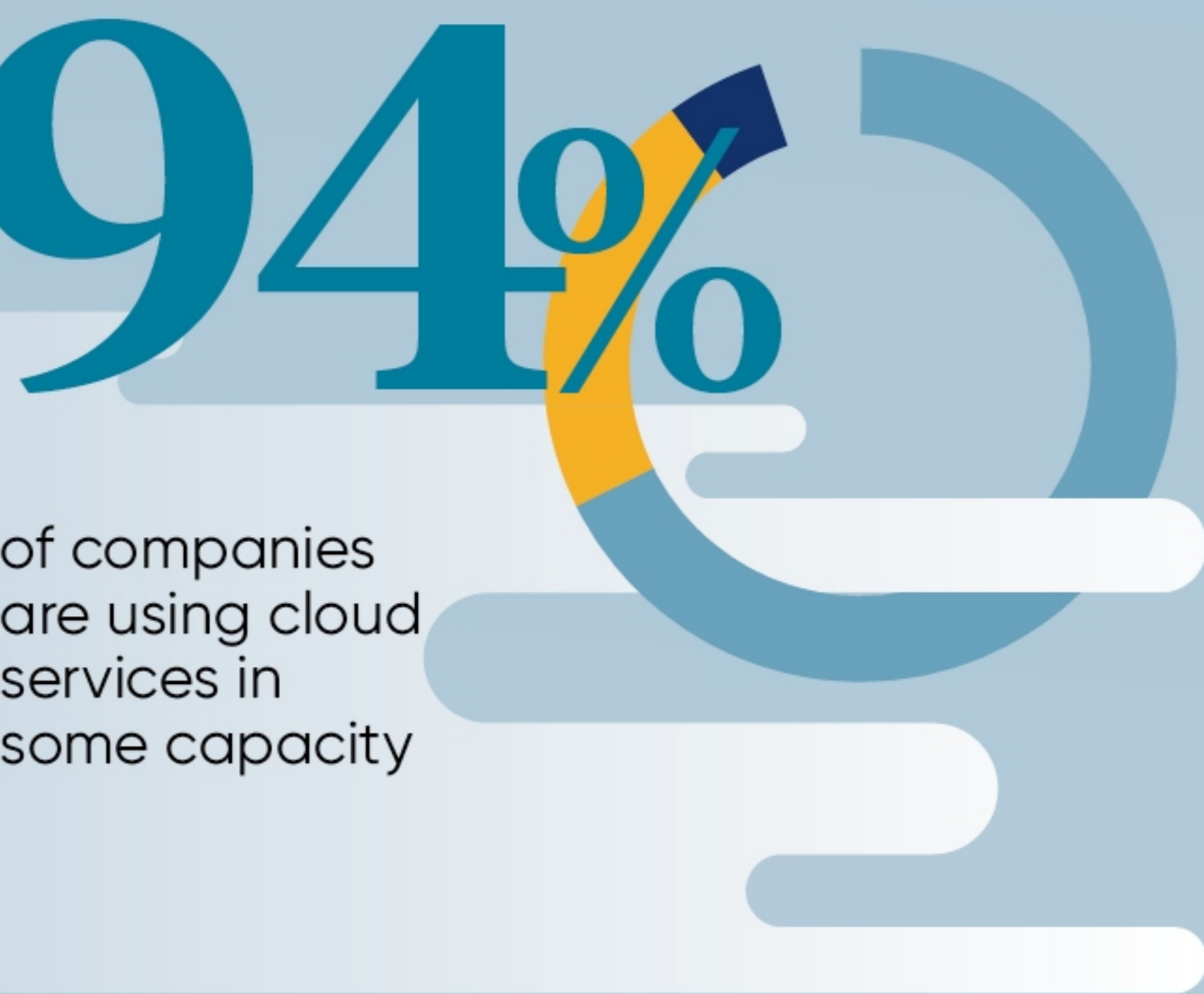# PUBLIC, PRIVATE OR HYBRID?

More IT departments are moving to the cloud for their data solutions, yet knowing which solution is right for your business is key to realising the opportunities on offer

ADOPTION OF CLOUD SERVICES

94%

of companies are using cloud services in some capacity

RightScale 2017

5%
Private cloud only

ADVANTAGES
» Greater control/customisable
» More flexibility and reliability
» Improved security
» High scalability

DISADVANTAGES
» Higher initial investment
» Requires IT expertise

BEST USED FOR
» Confidential, business-critical operations

22%
Public cloud only

ADVANTAGES
» Low cost/no upfront investment
» Pay-per-use model
» No maintenance
» Near-unlimited scalability

DISADVANTAGES
» Supposed security concerns
» Surprise costs
» Reliability

BEST USED FOR
» Non-sensitive, public-facing operations and unpredictable traffic

67%
Hybrid

ADVANTAGES
» Control
» Flexibility
» Cost-effectiveness
» Ease of use

DISADVANTAGES
» IT infrastructure management becomes more complex
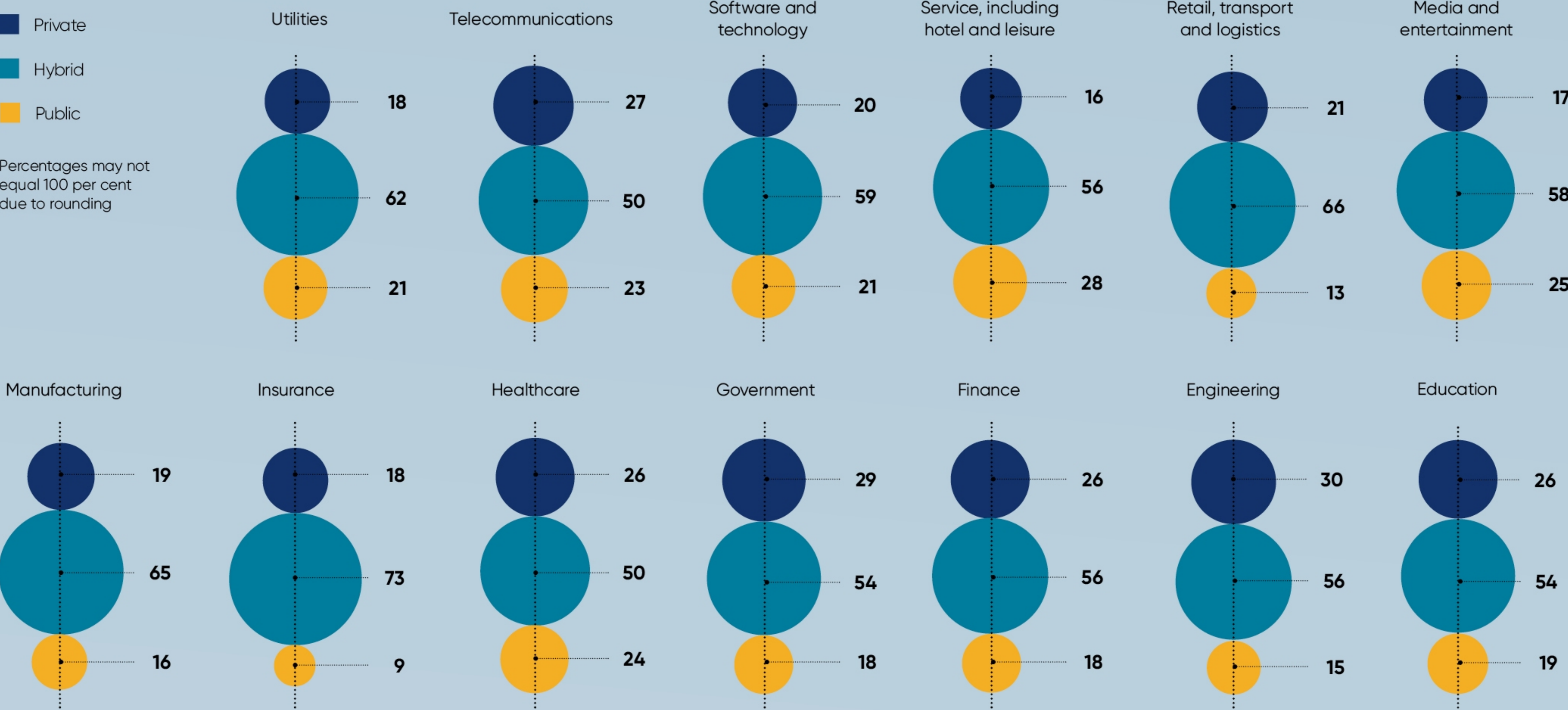» Can be costlier than public only

BEST USED FOR
» Mixture of each

PUBLIC/PRIVATE/HYBRID DEPLOYMENT BY INDUSTRY
TYPES OF CLOUD ARCHITECTURE USED BY THE FOLLOWING INDUSTRIES
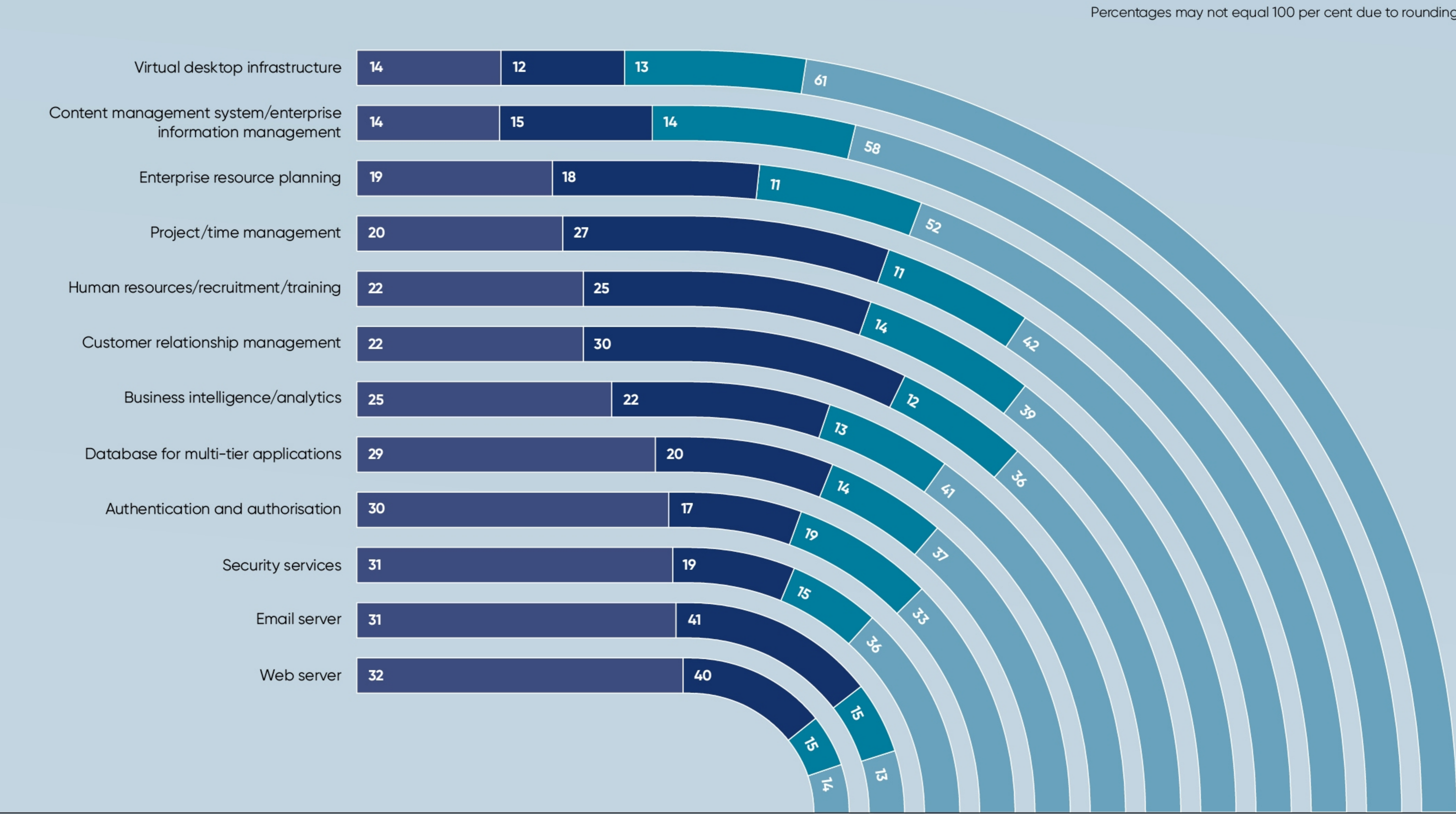
McAfee 2017

- Private
- Hybrid
- Public

Percentages may not equal 100 per cent due to rounding

Industry	Private	Hybrid	Public
Utilities	18	62	21
Telecommunications	27	50	23
Software and technology	20	59	21
Service, including hotel and leisure	16	56	28
Retail, transport and logistics	21	66	13
Media and entertainment	17	58	25
Manufacturing	19	65	16
Insurance	18	73	9
Healthcare	26	50	24
Government	29	54	18
Finance	26	56	18
Engineering	30	56	15
Education	26	54	19

WHERE SERVICES OR PROCESSES ARE DEPLOYED
PERCENTAGE OF ORGANISATIONS DEPLOYING THE FOLLOWING
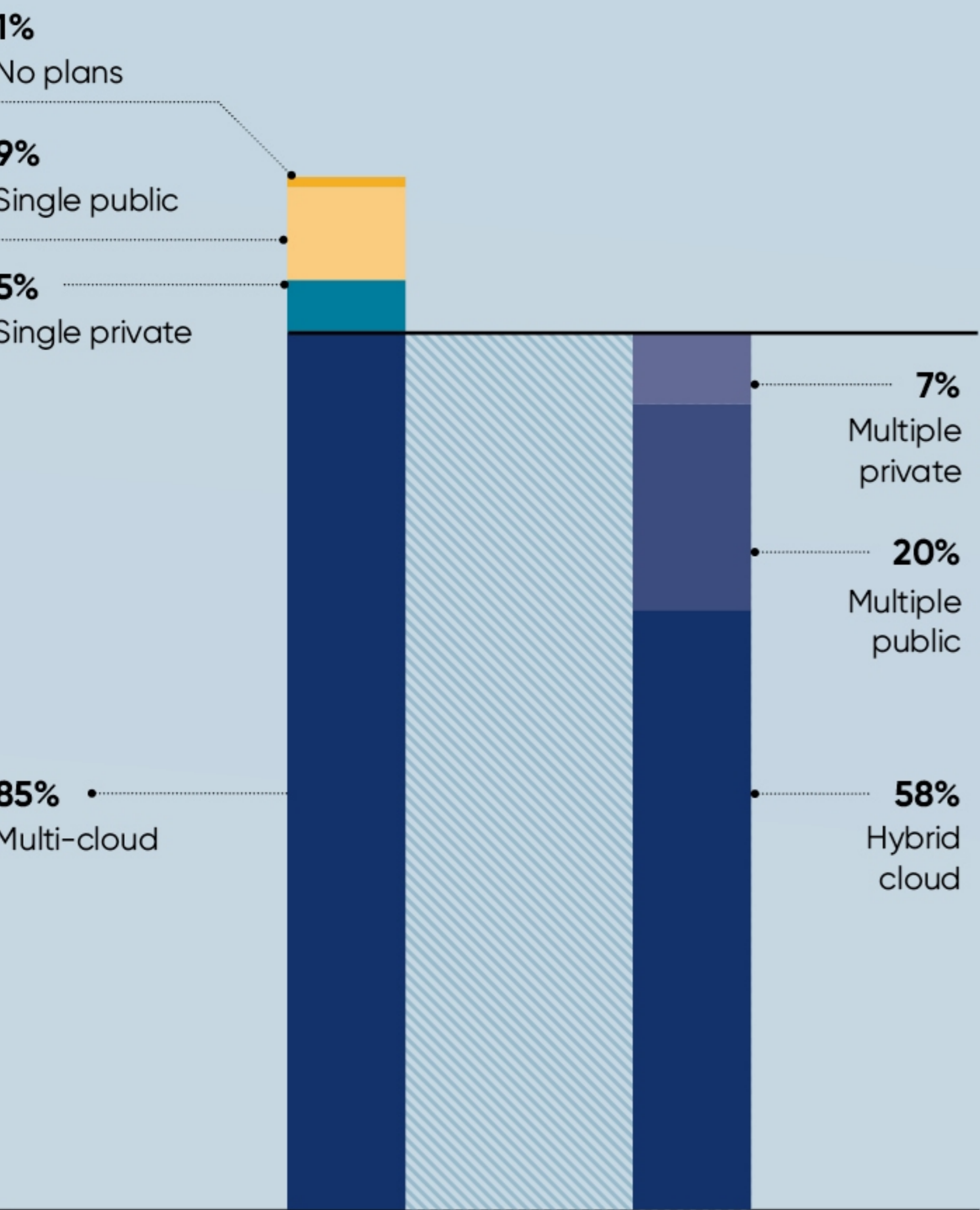
UBM/Interop ITX/Information Week 2017

- Private
- Public
- Hybrid
- Not deployed

Percentages may not equal 100 per cent due to rounding

	Private	Public	Hybrid	Not deployed
Virtual desktop infrastructure	14	12	13	61
Content management system/enterprise information management	14	15	14	58
Enterprise resource planning	19	18	11	52
Project/time management	20	27	11	42
Human resources/recruitment/training	22	25	14	39
Customer relationship management	22	30	12	36
Business intelligence/analytics	25	22	13	41
Database for multi-tier applications	29	20	14	37
Authentication and authorisation	30	17	19	33
Security services	31	19	15	34
Email server	31	41	15	13
Web server	32	40	14	...

ENTERPRISE CLOUD STRATEGY
SURVEY OF LARGE ORGANISATIONS WITH MORE THAN 1,000 EMPLOYEES

RightScale 2017

- 1% No plans
- 9% Single public
- 5% Single private
- 7% Multiple private
- 20% Multiple public
- 85% Multi-cloud
- 58% Hybrid cloud

BENEFITS: PUBLIC OR PRIVATE?
PERCENTAGE OF CROSS-INDUSTRY IT PROFESSIONALS RATING THE PUBLIC AND PRIVATE CLOUD AS MORE BENEFICIAL FOR THE FOLLOWING

RightScale 2017

- More likely to be realised through public cloud
- More likely to be realised through private cloud
- There is no difference

Lower total costs of ownerships
59% / 19% / 22%

Visibility of my organisation's data
54% / 26% / 20%

My organisation's data is safe
51% / 37% / 11%

Use of a proven technology
51% / 25% / 24%

Maintain identity and access control
46% / 34% / 20%

Secure from hackers
41% / 40% / 19%

Percentages may not equal 100 per cent due to rounding

RACONTEUR