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Cloud Computing Study 2023

Insight into organizations' cloud strategy plans, business drivers, and investments.

Purpose and methodology

Survey goal

To measure cloud computing trends among technology decision-makers including usage and plans across multiple cloud services, investments, business drivers and shifting services and applications to the cloud.

Total respondents 893

Collection method
Online questionnaire

Number of questions **29**

Average company size **13,061 employees**

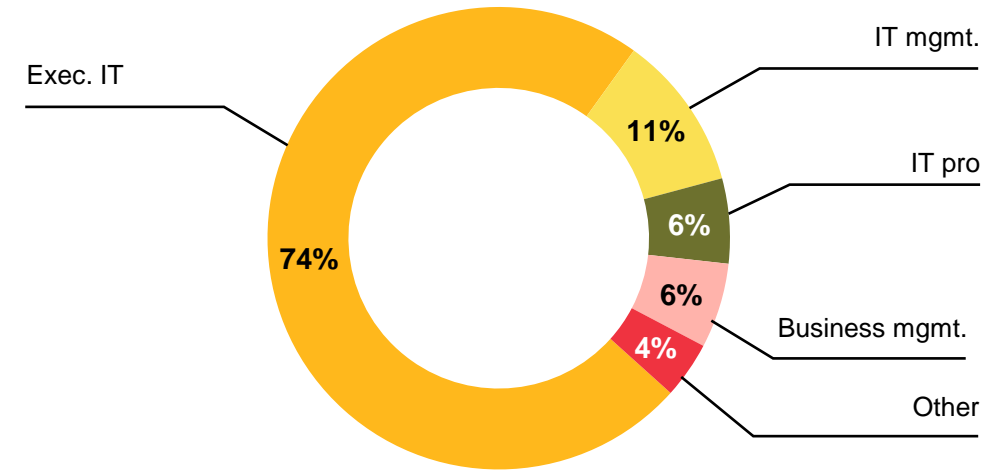**Region**
North America **44%**
APAC **40%**
EMEA **15%**

IT leadership

All survey respondents are involved in the purchase process for cloud computing and their organization has, or plans to have, at least one application, or a portion of their infrastructure, in the cloud.
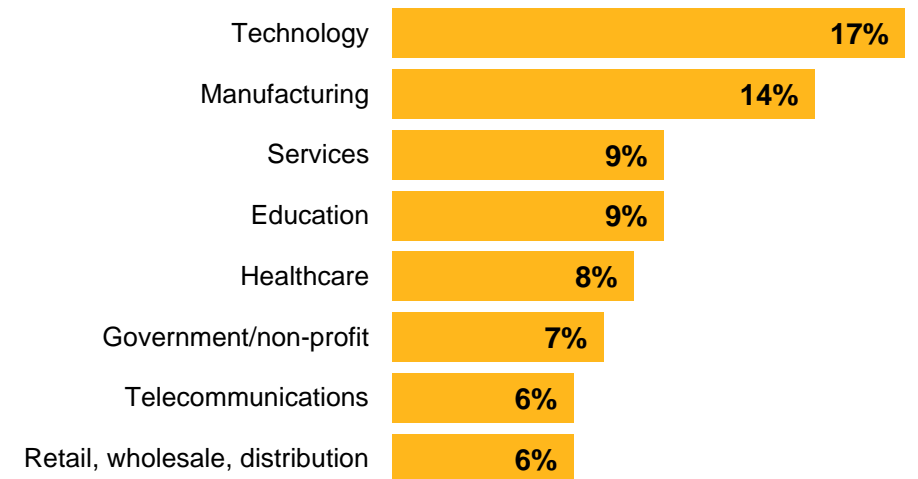
Audience base

CIO, Computerworld, CSO, InfoWorld and Network World email invitations to audience base.

Job titles

Exec. IT 74%
IT mgmt. 11%
IT pro 6%
Business mgmt. 6%
Other 4%

Top represented industries

Industry	%
Technology	17%
Manufacturing	14%
Services	9%
Education	9%
Healthcare	8%
Government/non-profit	7%
Telecommunications	6%
Retail, wholesale, distribution	6%

Majority of IT environments in the cloud

	In the cloud	On-premise
Today	**52%**	**48%**
In 18 months	**63%**	**37%**

■ In the cloud   ■ On-premise
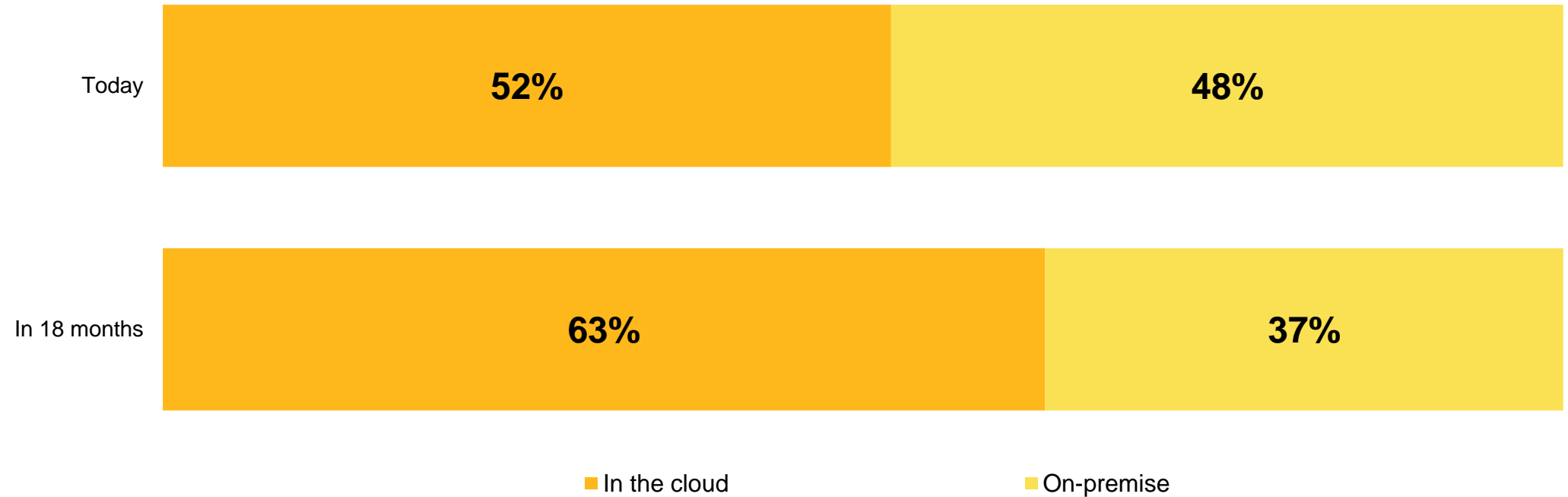
Question: Which statement below best describes your organization's total IT environment (infrastructure, applications, data analytics, etc.) today? 18 months from now?
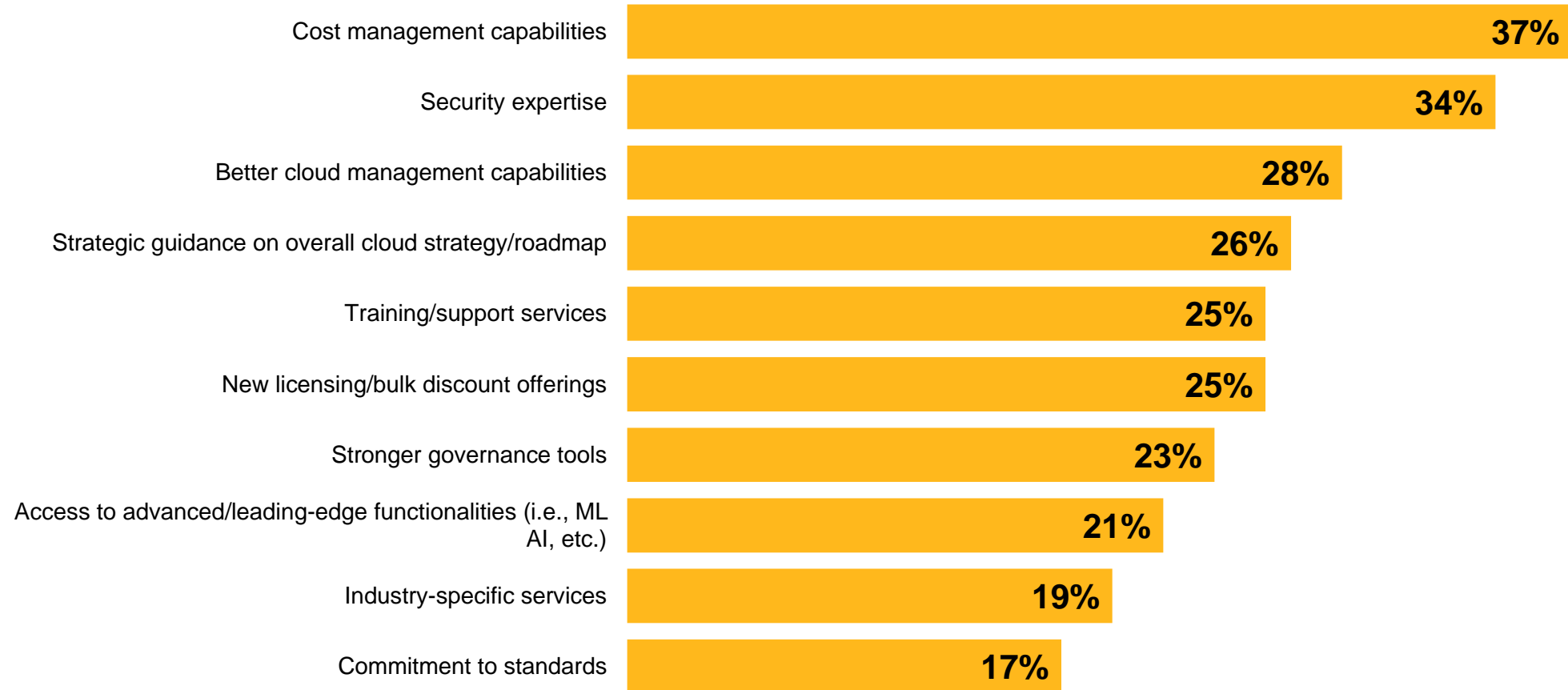
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What's driving cloud computing initiatives?

1. Enabling disaster recovery & business continuity

2. Replacing on-premise legacy technology

3. Lower total cost of ownership (TCO)

4. Improving employee productivity

5. Greater flexibility to react to changing market conditions

Question: What business objectives are driving cloud investments at your organization? (Please select up to five)

Source: Foundry Cloud Computing Study, 2023

Cost management and security expertise needed from vendors

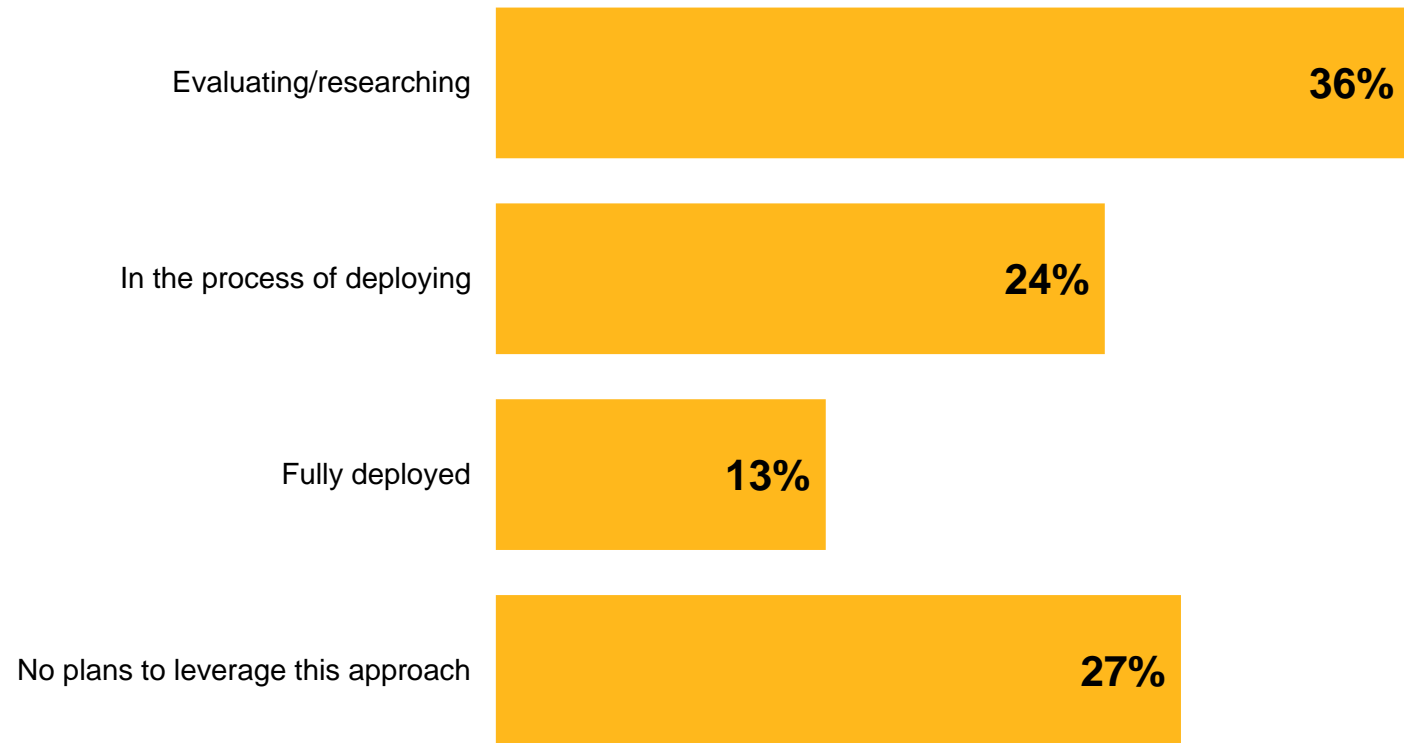| Category	Percentage
Cost management capabilities	37%
Security expertise	34%
Better cloud management capabilities	28%
Strategic guidance on overall cloud strategy/roadmap	26%
Training/support services	25%
New licensing/bulk discount offerings	25%
Stronger governance tools	23%
Access to advanced/leading-edge functionalities (i.e., ML AI, etc.)	21%
Industry-specific services	19%
Commitment to standards	17%

Question: In order to successfully advance your cloud strategy over the next year, what do you most need from your future or current cloud providers?

Spending decisions are controlled by IT

Controlled by IT

72%
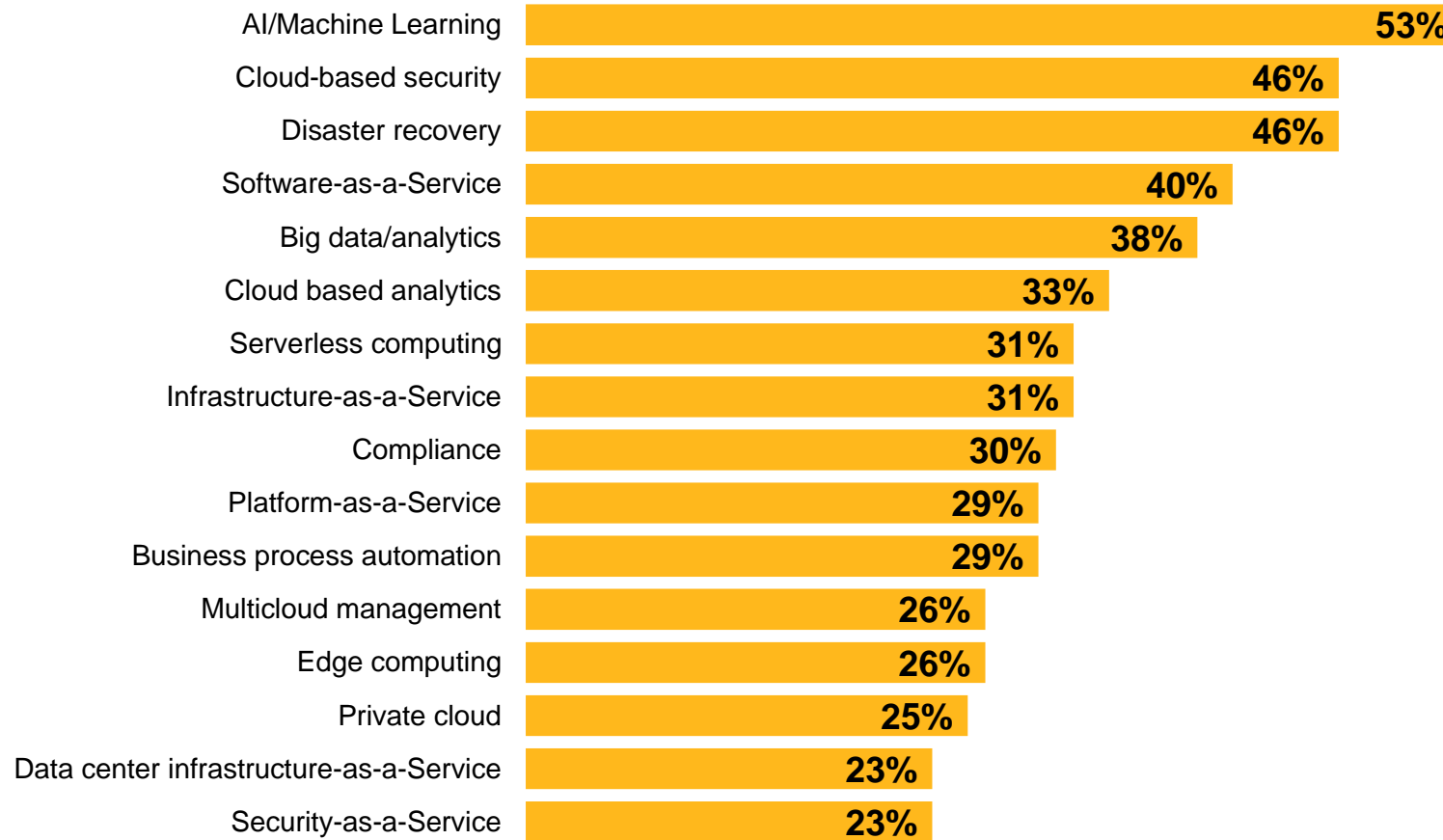
28%

Controlled by other lines of business
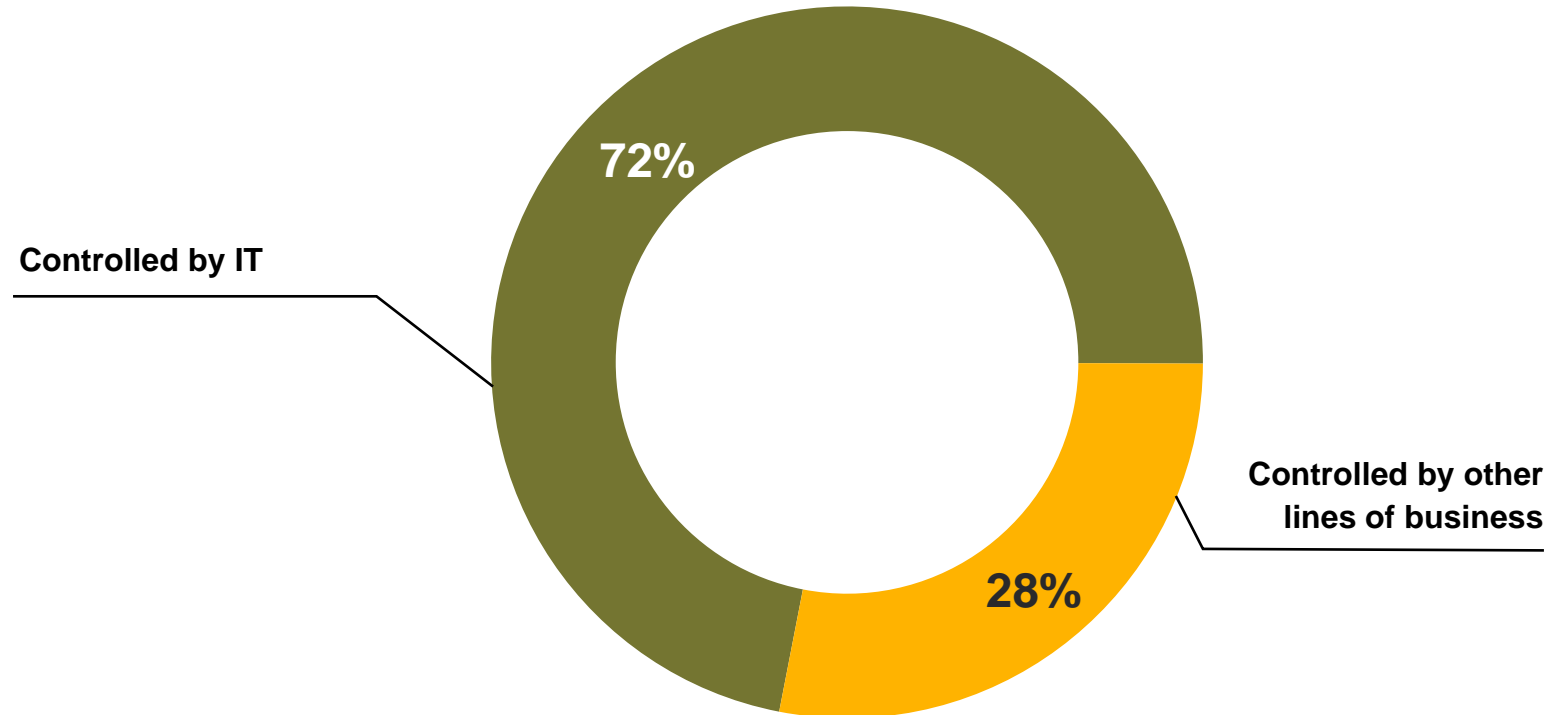
Question: Approximately, what percent of cloud spending decisions at your organization are primarily controlled by IT, and what percent are primarily controlled by other lines of business?

Multicloud architecture intentions

Evaluating/researching	**36%**
In the process of deploying	**24%**
Fully deployed	**13%**
No plans to leverage this approach	**27%**

Question: What are your organizations intentions for leveraging a multicloud architecture over the next 12 months?

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Cloud capabilities most likely to adopt

Capability	Percentage
AI/Machine Learning	53%
Cloud-based security	46%
Disaster recovery	46%
Software-as-a-Service	40%
Big data/analytics	38%
Cloud based analytics	33%
Serverless computing	31%
Infrastructure-as-a-Service	31%
Compliance	30%
Platform-as-a-Service	29%
Business process automation	29%
Multicloud management	26%
Edge computing	26%
Private cloud	25%
Data center infrastructure-as-a-Service	23%
Security-as-a-Service	23%

44%
of IT decision-makers understand their cloud provider's roadmap for integrating AI tools in their platforms.

1,000+	53%
<1,000	37%

Question: Of the following cloud capabilities, please select all that you are most likely to use or adopt over the next 12 months?

Continue the conversation

To receive a briefing on the full results from this study, or for more information, please contact your Foundry sales executive or <u>contact us</u>.

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