

# How are IT decision-makers shifting to the cloud?

Insight into cloud strategies, business drivers, and investments over the next 12 months

## Cloud computing adoption status

# 57%

of IT decision-makers agree that their organization has accelerated its migration to the cloud over the past 12 months.

# 65%

agree that their organization is defaulting to cloud-based services when upgrading or purchasing new technical capabilities.

### Majority of IT environments in the cloud

# 52%

in the cloud



# 48%

on-premise

### Top cloud growth areas

1. AI/machine learning
2. Big data/analytics
3. Cloud-based security
4. Disaster recovery
5. Serverless computing

## Cloud objectives and setbacks

### What's driving cloud computing initiatives?

Enabling disaster recovery and business continuity	40%
Replacing on-premise legacy technology	40%
Lower total cost of ownership	34%
Improving employee productivity	32%
Greater flexibility to react to changing market conditions	32%

### Biggest obstacles with implementing cloud strategy

1. Controlling cloud costs
2. Data privacy and security challenges
3. Lack of cloud security skills/expertise
4. Integrating cloud resources with on-premises systems
5. Governance/compliance

## Investing in the cloud

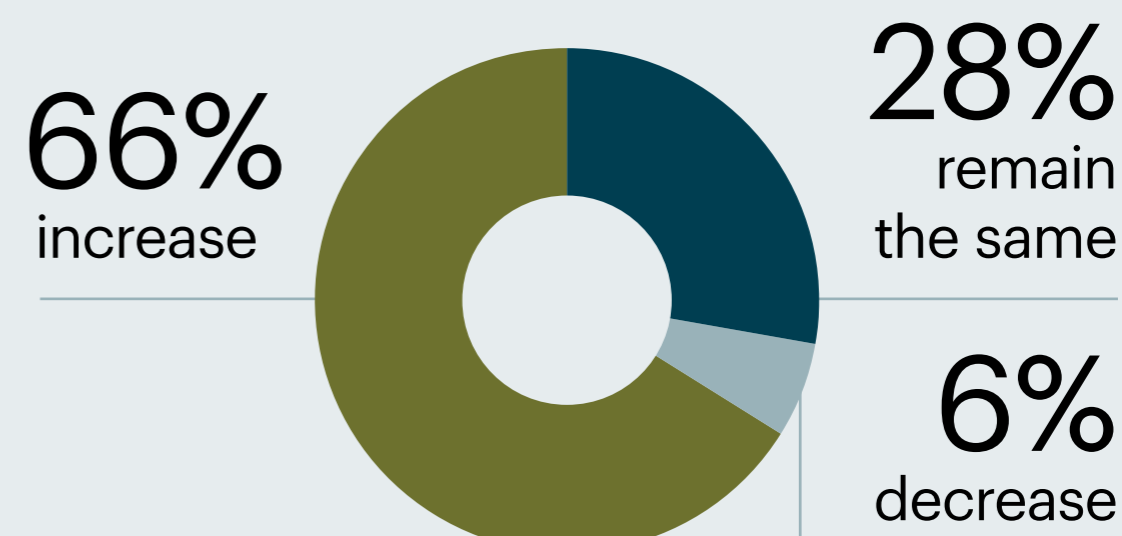
### Which cloud capabilities are organizations most likely to adopt over the next 12 months?

AI/machine learning	53%
Cloud-based security	46%
Disaster recovery	46%
Software-as-a-Service	40%
Big data/analytics	38%

# 31%

of total IT budget will be allocated to cloud computing within the next year.

### How are cloud budgets expected to shift?



# 78%

of organizations have added new roles and functions as a result of their cloud investments.

### Top three roles added

1. Cloud architect
2. Cloud systems administrator
3. DevOps engineer

### What's needed from cloud vendors for organizations to advance their cloud strategy?

Cost management capabilities	37%
Security expertise	34%
Better cloud management capabilities	28%