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%

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%

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

31% of total IT budget will be allocated to cloud computing within the next year.

66% increase 28% remain the same 6% decrease

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%

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

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Source: Foundry Cloud Computing Study, 2023