



# Evolution of Cloud in Education

September 2018

# Secure, intelligent platform for the digital campus



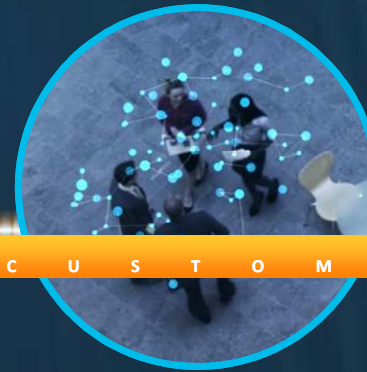
Reinvent  
Networking



Enable a  
Multi-Cloud  
World



Unlock  
the Power  
of Data



Enrich the  
Employee/Customer  
Experience



Deploy  
Security  
Everywhere

D E L I V E R C O N T I N U O U S C U S T O M E R V A L U E

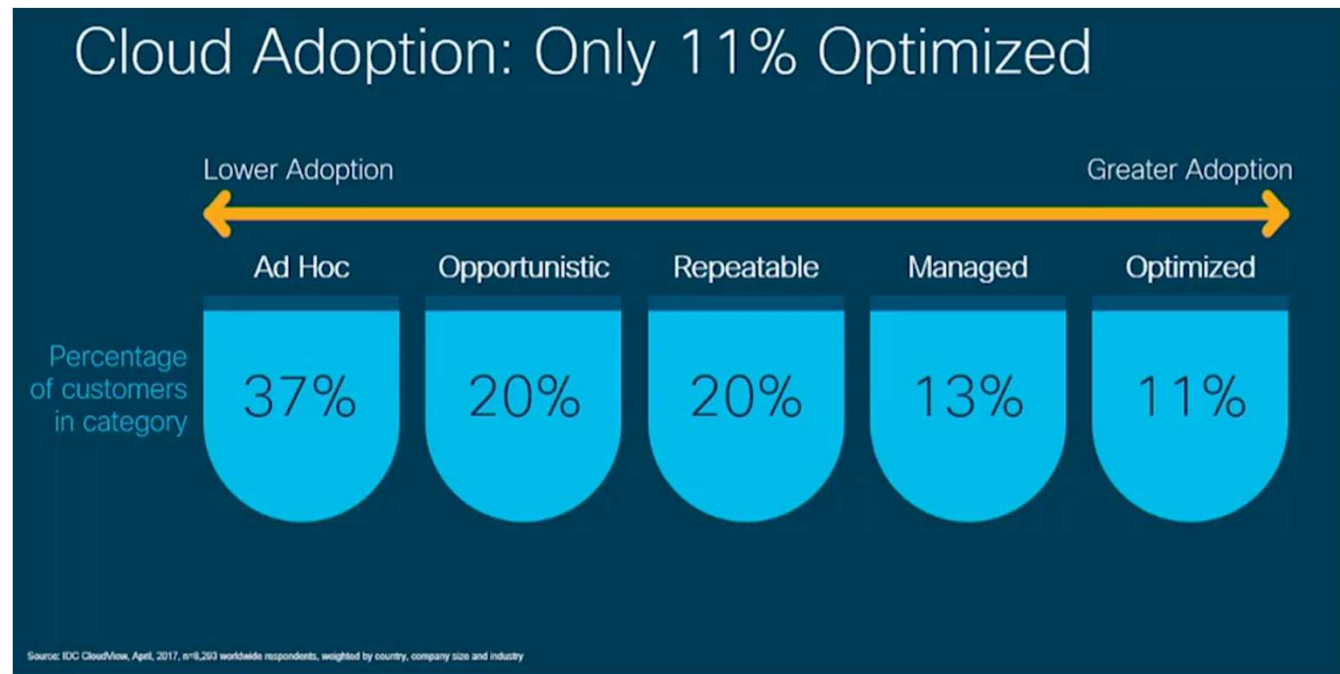
There is a key role for Universities - in partnership with Cisco – to accelerate change

# Why Cisco invested in the study

## 2018 Priority for Unis

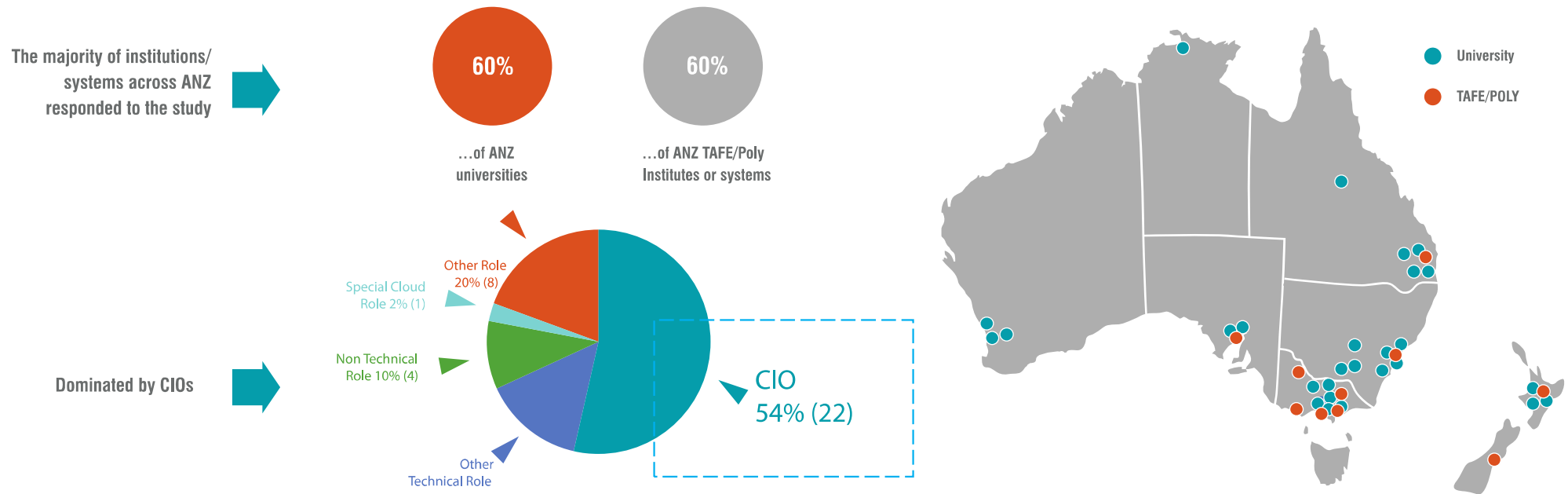
- 1 Supporting Student Success
- 2 Information Security
- 3 Business Transformation
- 4 Digital Strategy
- 5 Educational Technology
- 6 Research Support
- 7 Change Leadership
- 8 Digital Integrations
- 9 Cultural Change
- 10 Data Management and Governance

## Our global research indicated adoption was limited



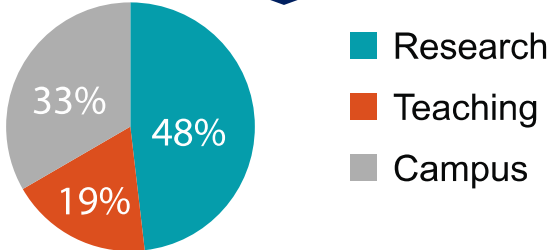
# About the study: 42 responses, 54% CIO level across ANZ

## Profile for respondents to the survey



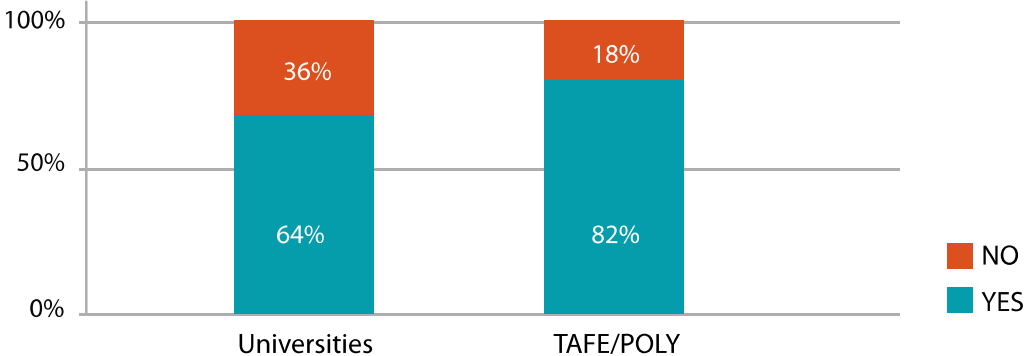
# What's driving usage and interest in cloud

## Use cases

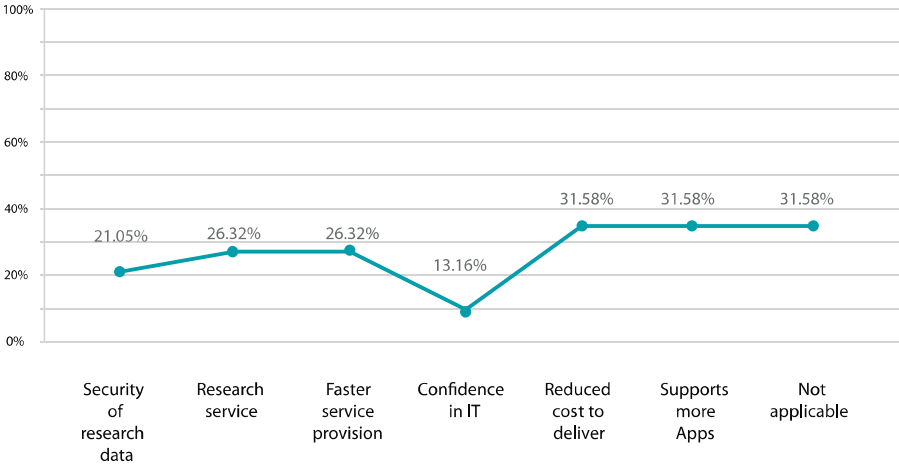


## Burning Platform of Cyber

Has the increased focus on cybersecurity created more urgency and scrutiny around your cloud environment?



What are the major benefits of private cloud from a research perspective?

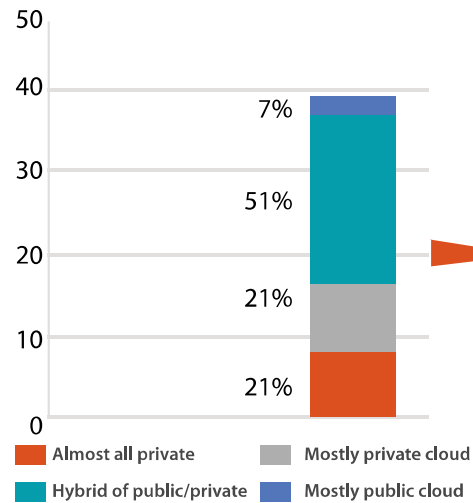


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 \*Note the not applicable response above relate to TAFEs/Polys

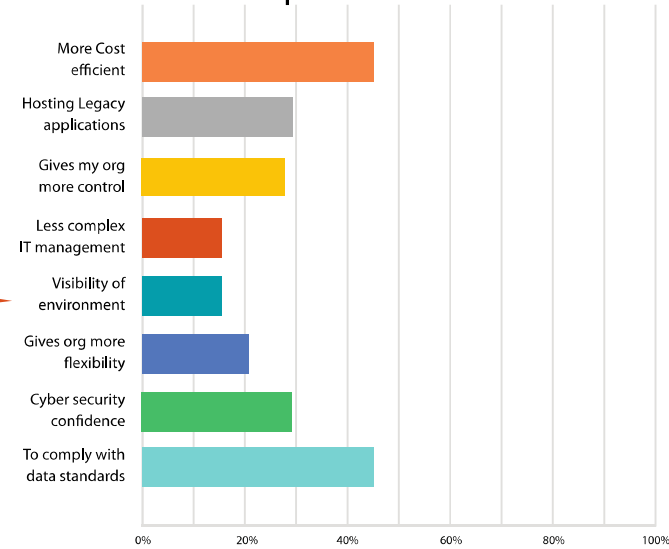
# The typical cloud environment is private or multi-cloud

## Environments

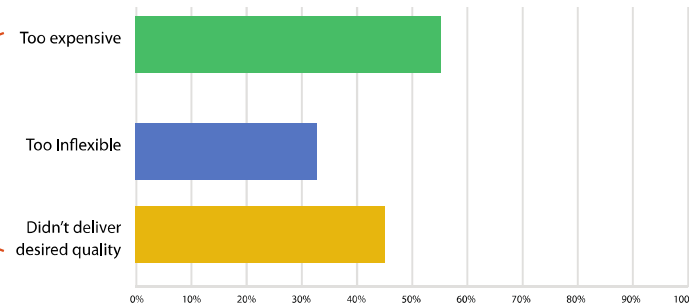
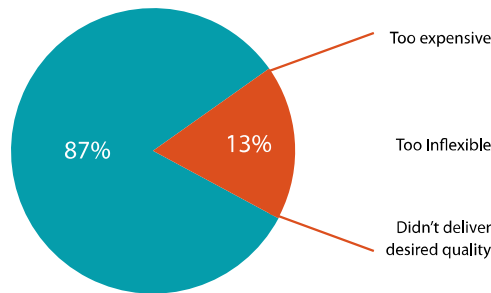
What best describes your institute's current cloud environment?



When deploying an application why you would choose private over public cloud?



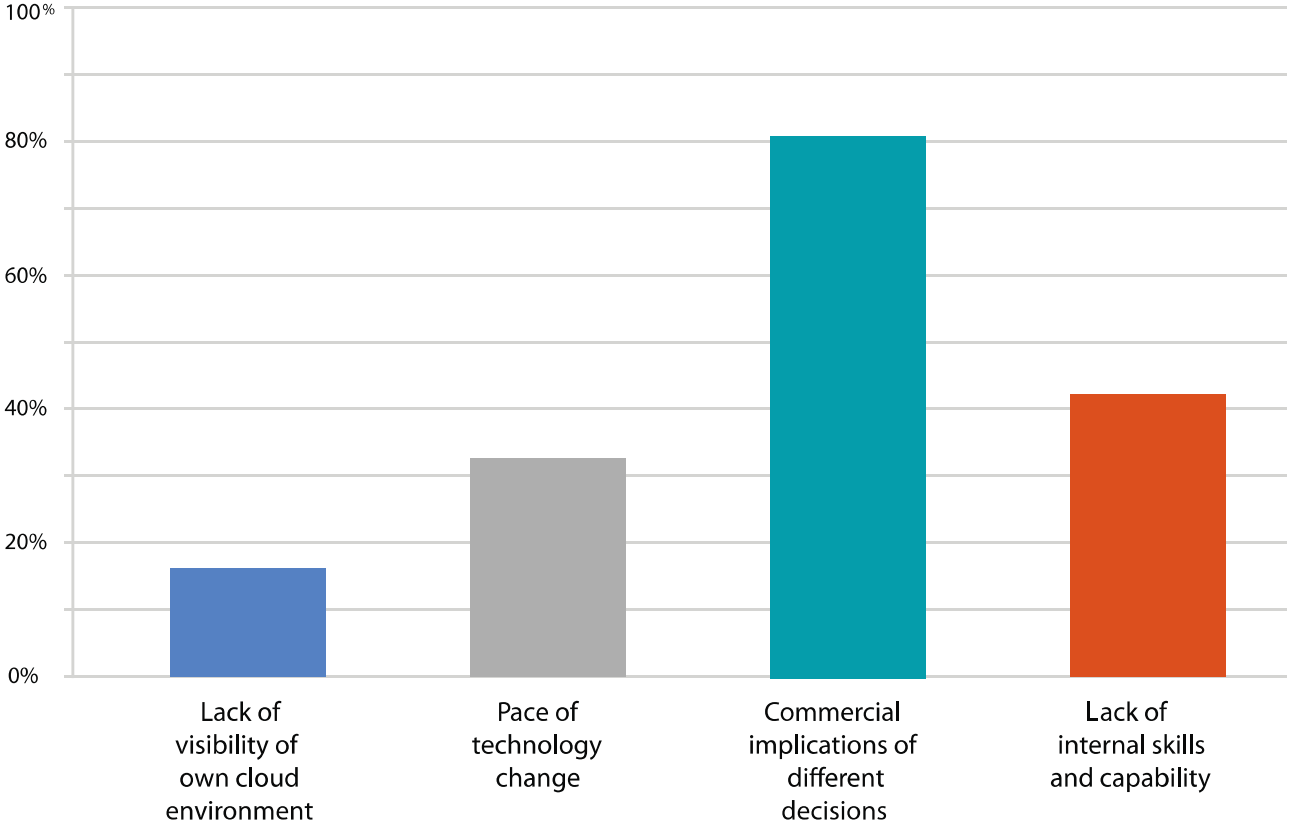
## Workloads



(Note this response is for universities and TAFEs/Polys)

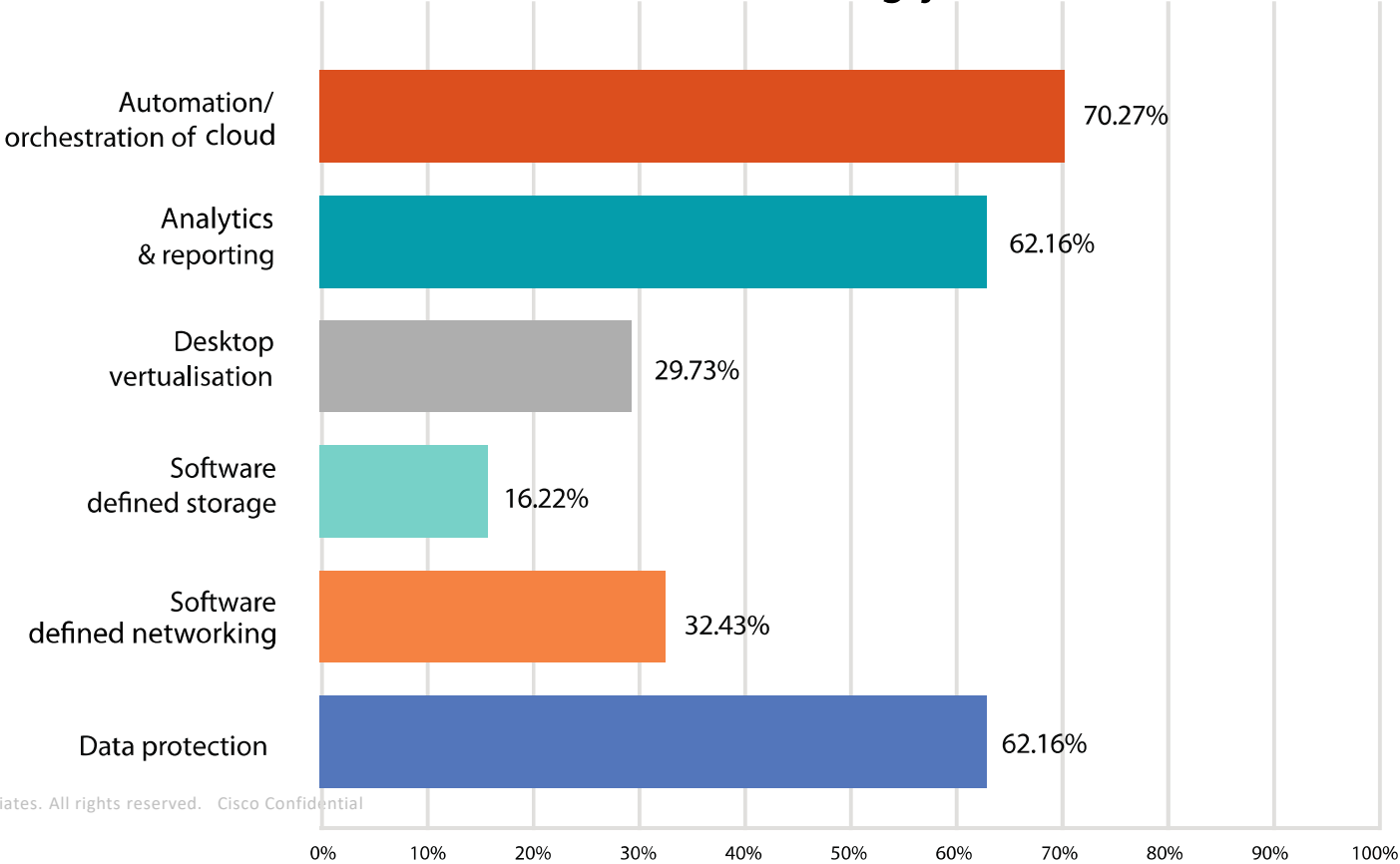
# The commercial aspect of cloud is challenging

What are the biggest challenges in making decisions about cloud?



# Automation / data protection are priorities for the cloud roadmap

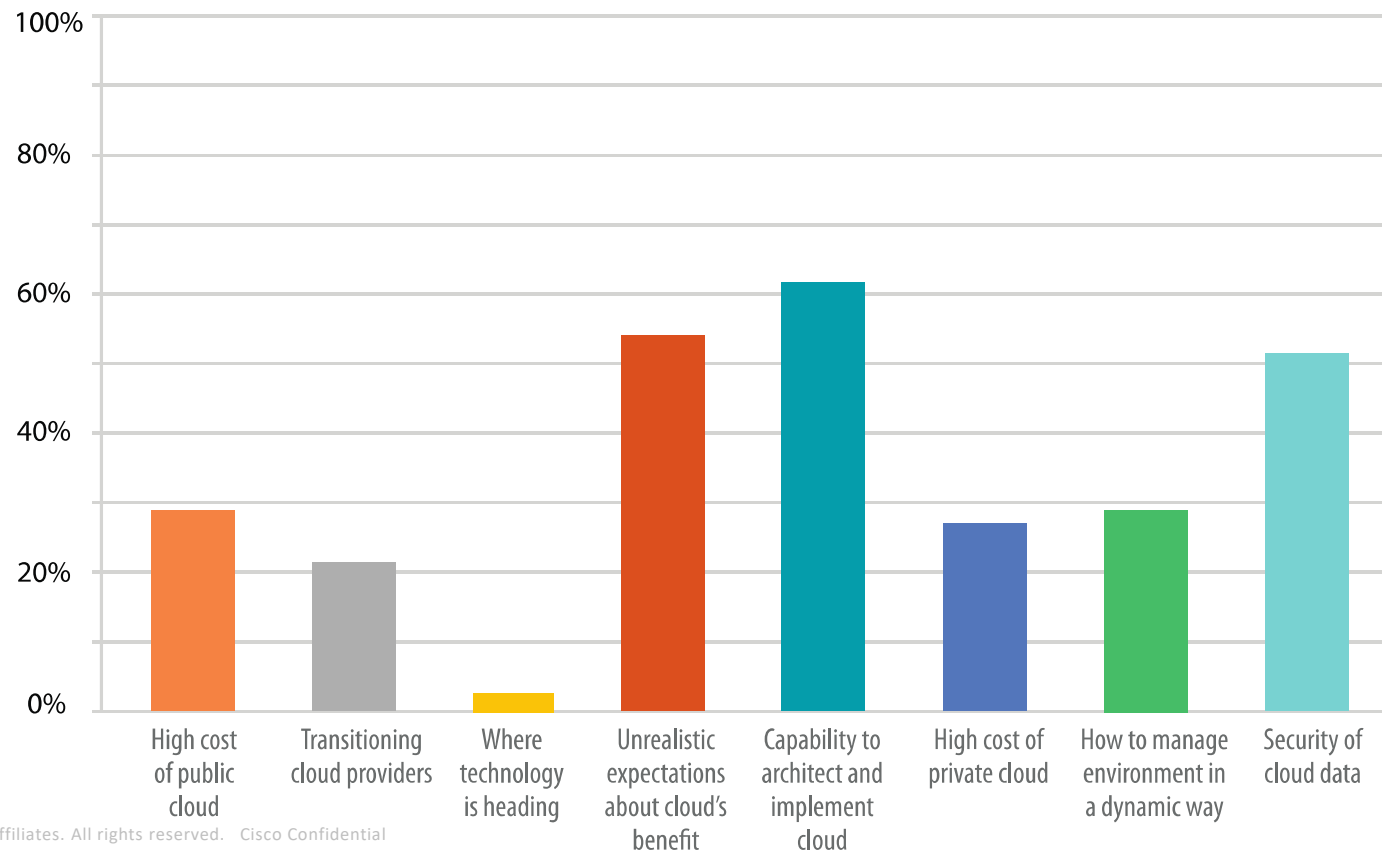
Which of the following services will attract more attention and resources in the coming year?





# Unrealistic expectations about cloud are creating issues

Which Cloud-related issues keep you awake at night?



# Major takeaways

## The future is multi-cloud, with a preference for private cloud

Despite cloud environments being mostly private (51%), hybrid (21%) or mostly public (7%) there is a strong bias towards private cloud. This is driven by advantages around cost, flexibility and capacity to support legacy applications. The major question for institutions is less about which cloud and more about how to maintain controls and visibility across a range of clouds.

## Security has to be embedded in the cloud

The relationship between security and cloud is becoming stronger. Scrutiny on cloud decisions is largely driven by the renewed focus on cybersecurity. Embedding security in infrastructure is increasingly common so threats can be detected early and responded to quickly.

## The commercial implications of cloud decisions are not well understood

Despite advice from multiple sources (including independent advisors) institutes and systems still view the commercial side of cloud as a black box. Institutes reported not knowing what the true costs (or potential savings) would be until after services had been deployed – i.e. when it's too late. In some scenarios workloads were transferred from public back to private cloud because it was too expensive but also because it didn't deliver the desired outcomes.