State of Cloud Security Survey

New Fugue survey finds the rapid shift to 100% distributed teams is creating new cloud security risks for organizations and opportunities for malicious actors.

Cloud Security Concerns During the Covid-19 Crisis

100% distributed?

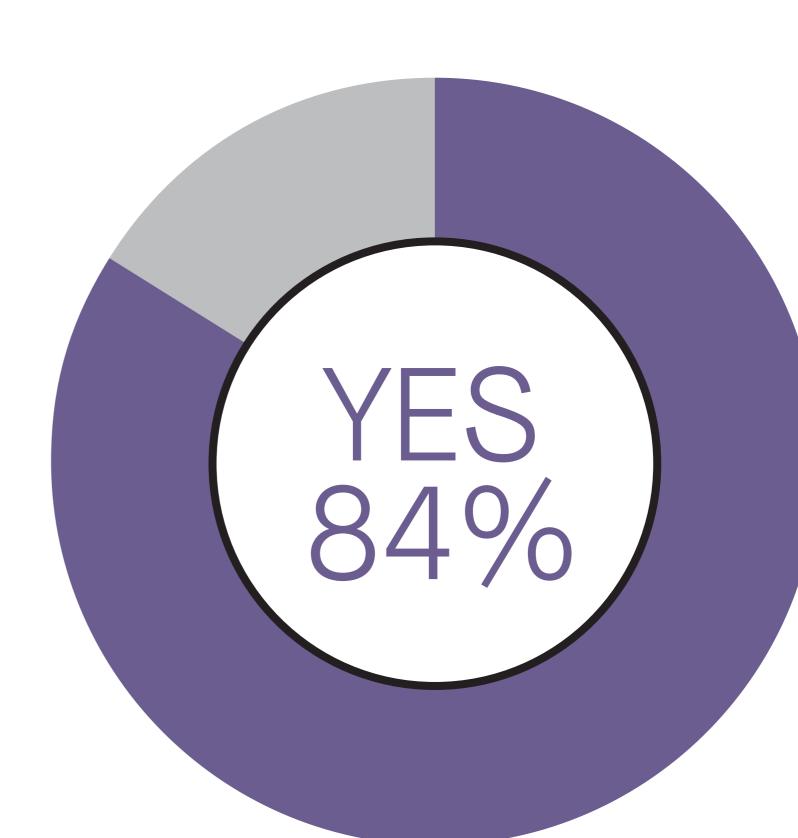
Is your team transitioning to



100% distributed teams

security during the transition?

Are you concerned about cloud



Causes of Cloud Misconfiguration

Lack of awareness of cloud security and policies Lack of adequate controls and oversight Too many APIs and interfaces to adequately govern 43%

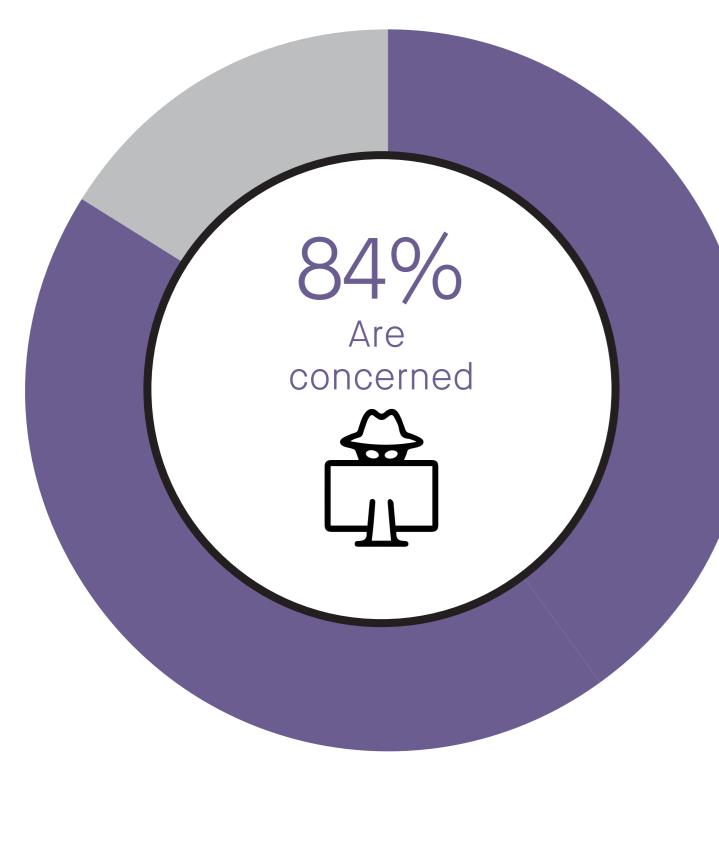
Negligent insider behanior

Cloud Misconfiguration Remains the #1 Cause of Cloud-based Data Breaches

and don't know it?

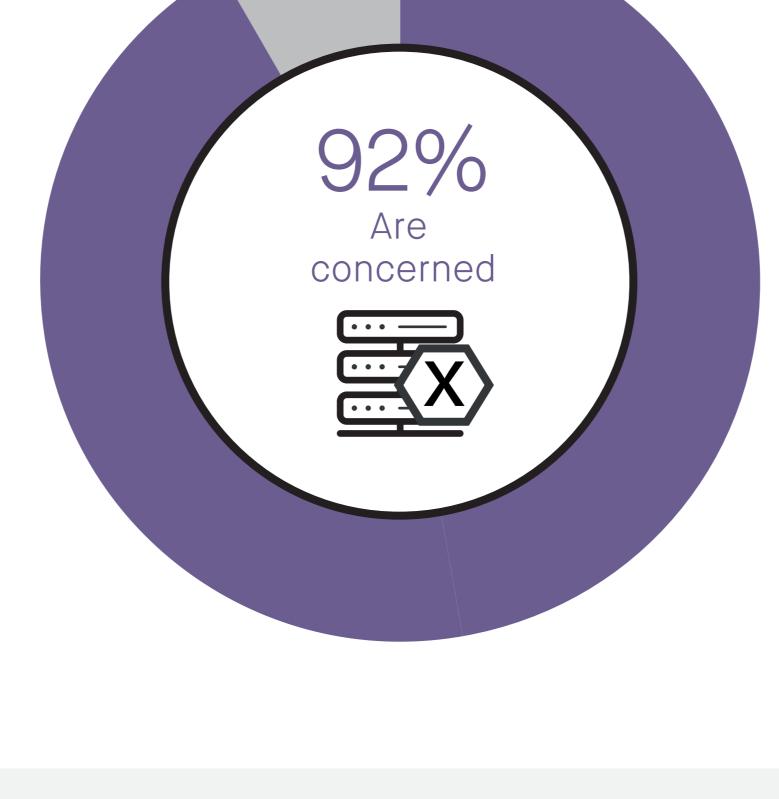
Are you concerned that

you've been hacked



you're vulnerable to a major cloud data breach?

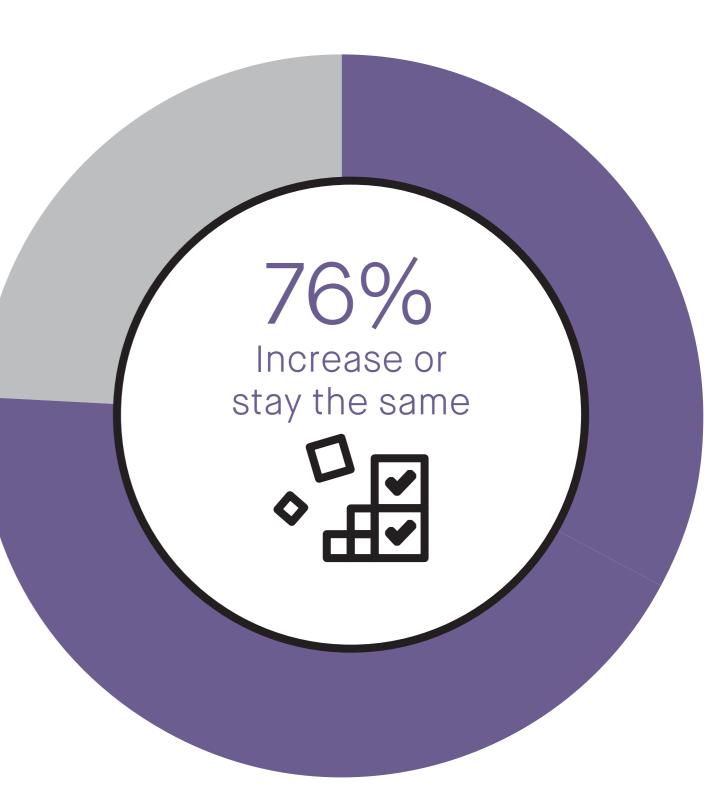
Are you concerned that



risk will:

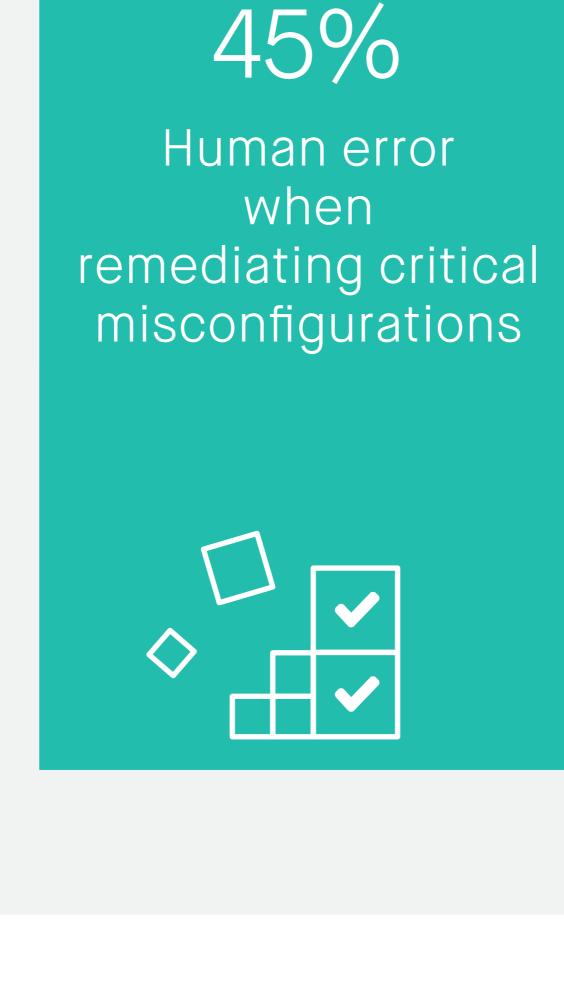
In the next year, do you

think cloud misconfiguration



Challenges in Managing Cloud Misconfiguration



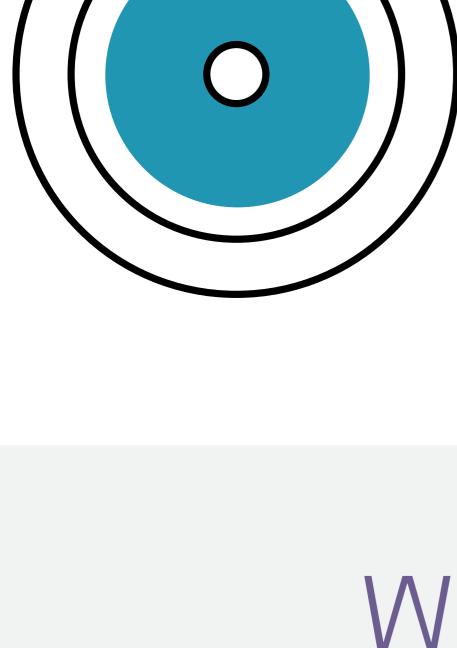


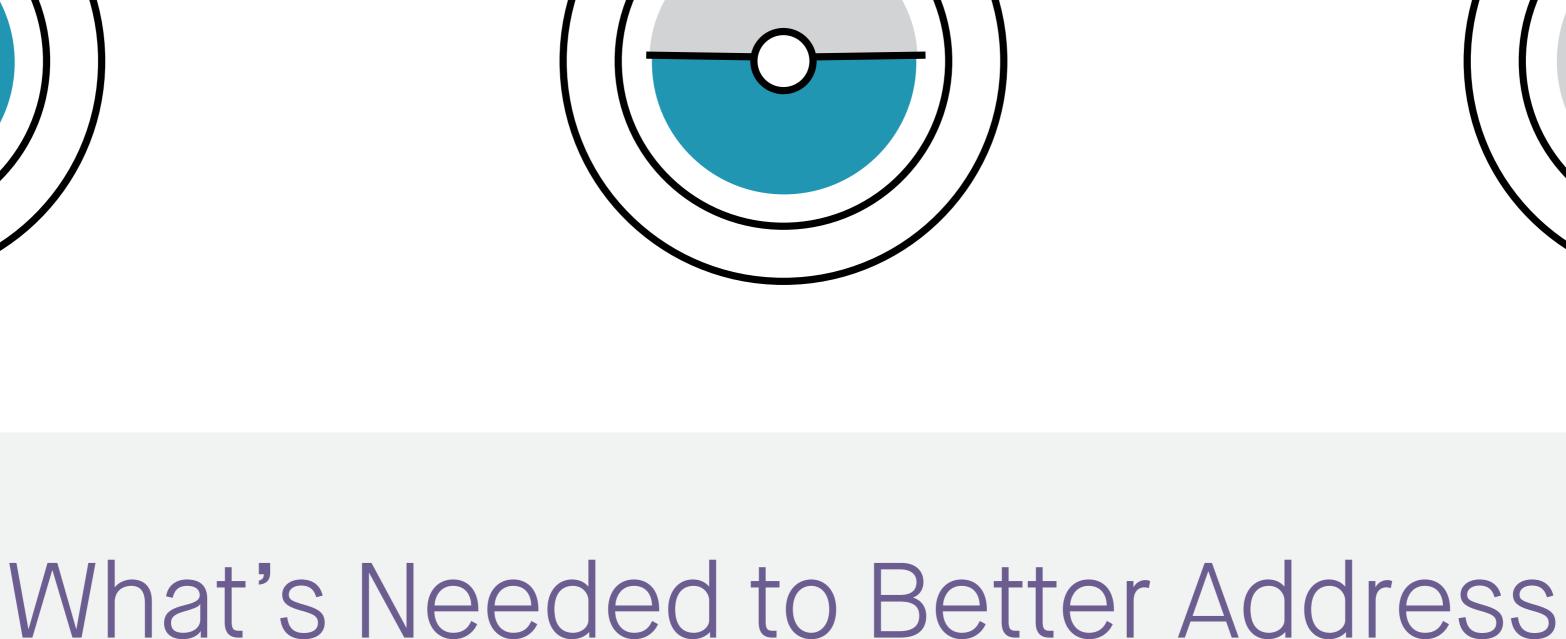


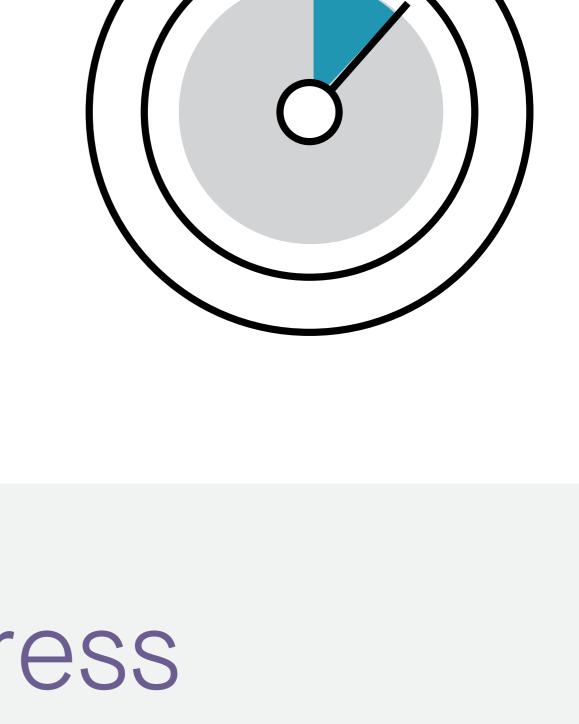
The Cost of Managing Cloud Misconfiguration

(hours per week teams invest in managing the problem)

More than 50 hours 10-50 hours Less that 10 hours

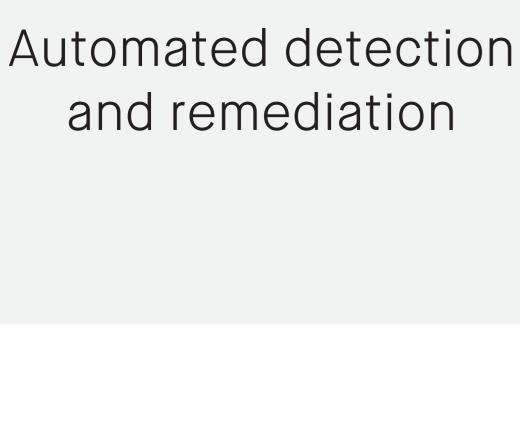




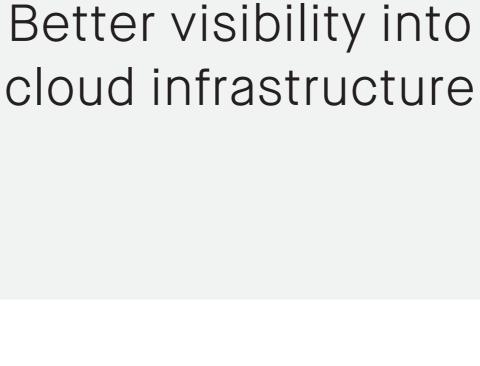


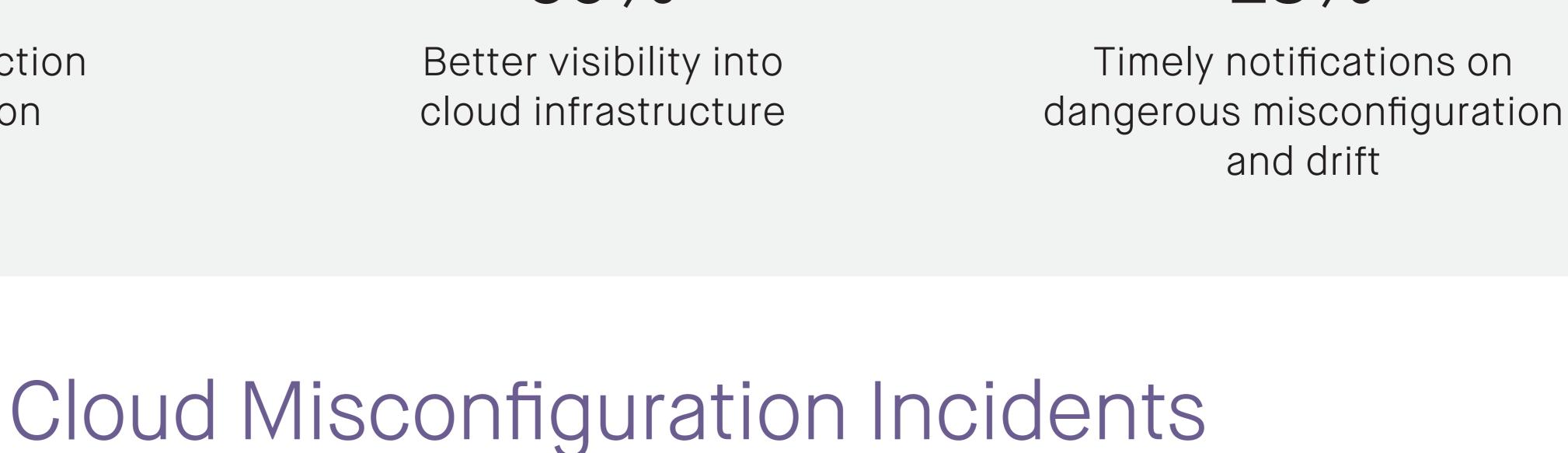
30%

Cloud Misconfiguration?



95%



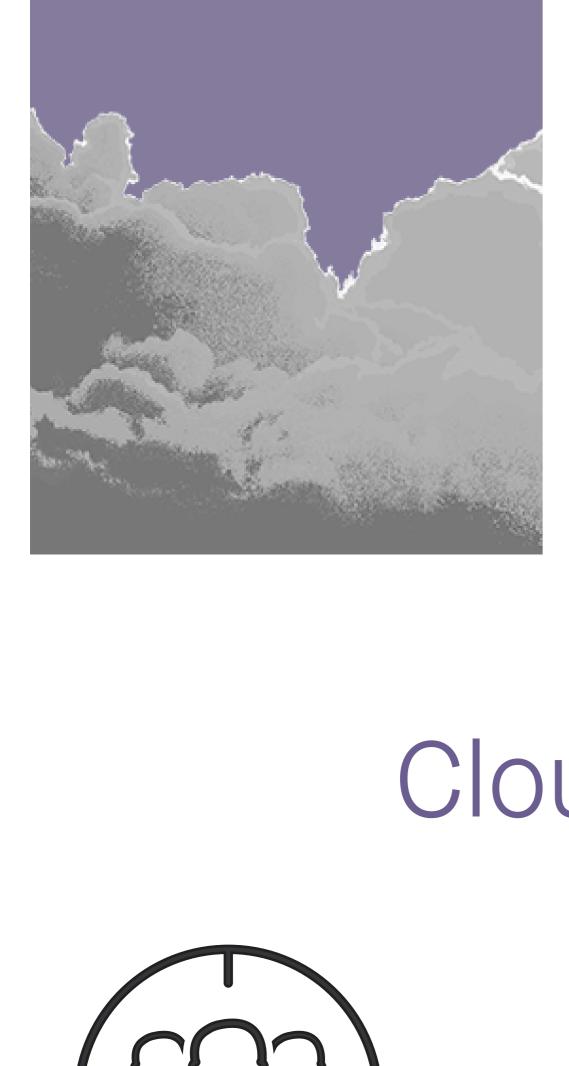


34% events Compliance violation events Object storage

Unauthorized

access to instances

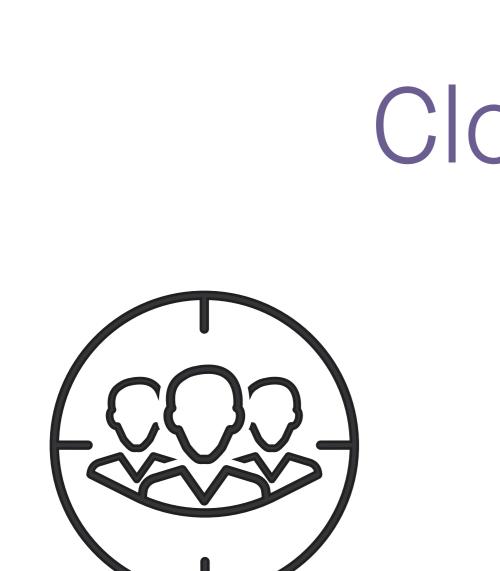
or databases



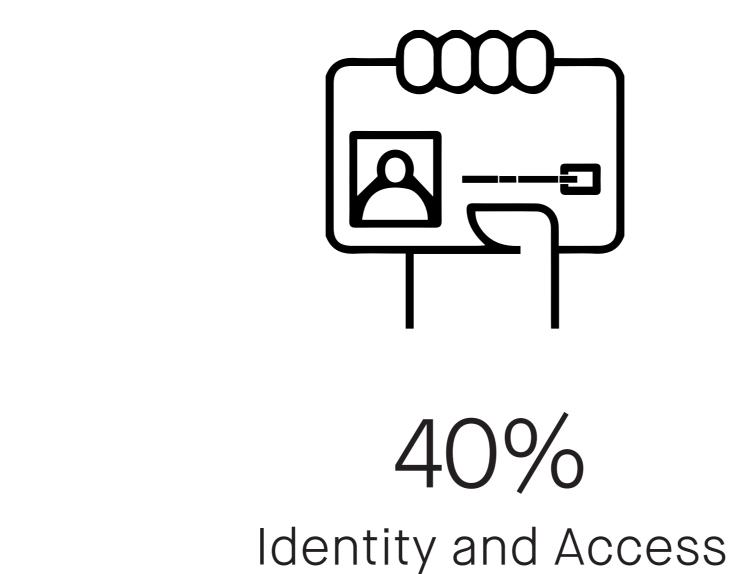
39%

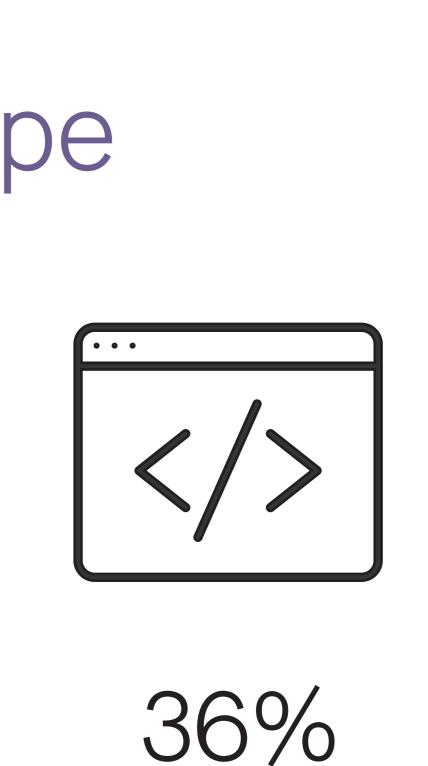
System downtime

Cloud Misconfigurations by Type



Security Group Rules (or firewall rules)





Encryption at rest disabled (or not enabled)

32%

breaches

Management

ABOUT THIS SURVEY Fugue partnered with Propeller Insights to survey 300 IT, cloud, and security professionals, including DevOps engineers, cloud architects, security engineers, site reliability

Professionals from companies representing a variety of industries that use Amazon Web Services, Microsoft Azure, and Google Cloud Platform for cloud computing were surveyed.

engineers (SREs), DevSecOps engineers, and application developers.

Putting engineers in command of cloud security.