

The Evolution of Data Protection **Cloud Strategies**

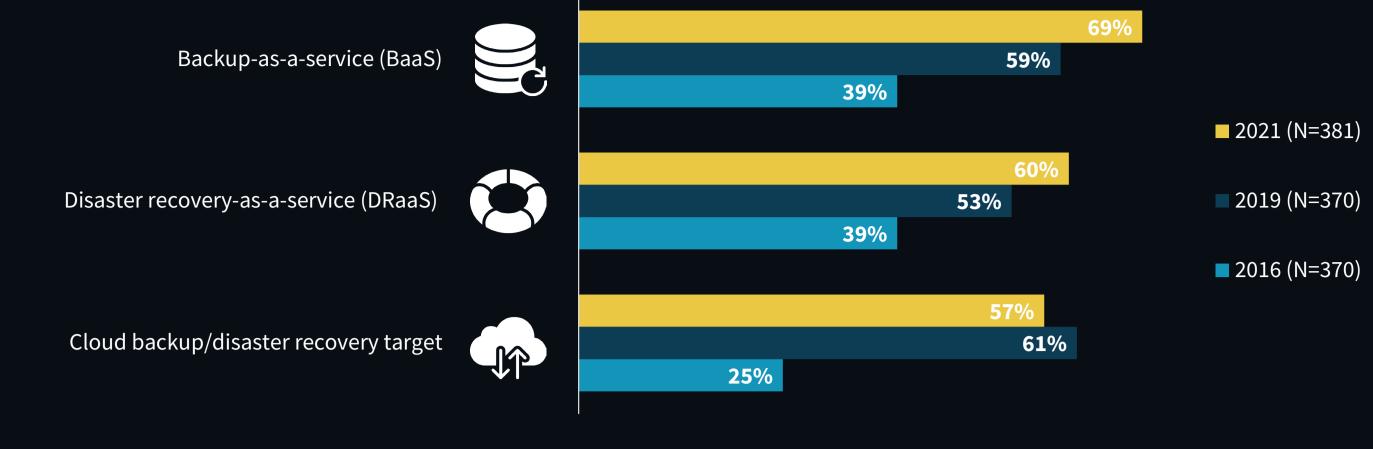
The broad adoption of public cloud services as a source and repository of businesscritical data is placing the onus on data owners to deliver on data protection SLAs of cloud-resident applications and data. Many users are misinformed about the data protection levels public cloud infrastructure and SaaS solutions provide. On-premises backup and disaster recovery strategies are increasingly leveraging cloud destinations, resulting in hybrid data protection topologies with varying tradeoffs and opportunities.

Considering these factors, this research sought to find out how IT organizations utilize cloud services as part of their data protection strategy today.

Wide-spread adoption and valuable benefits make cloud-based data protection the new norm.

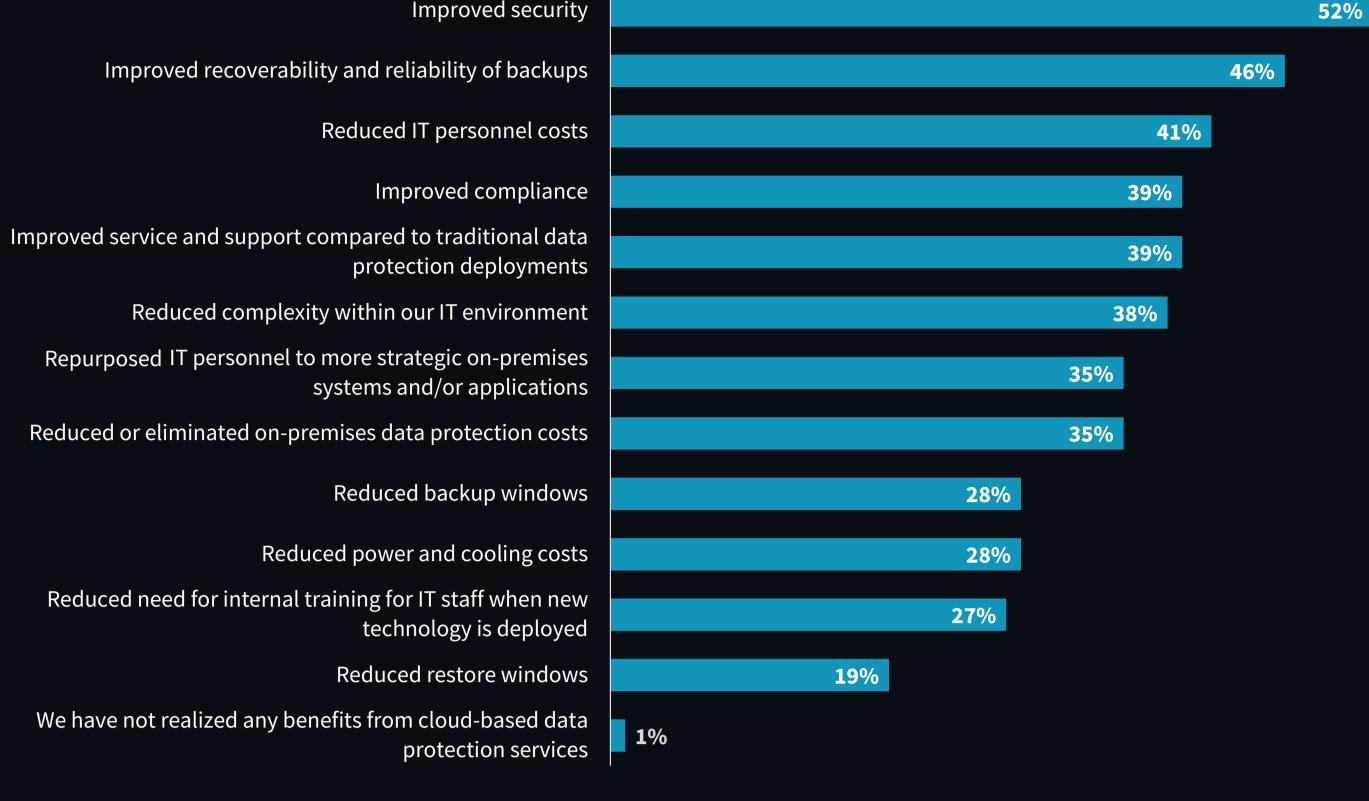
Cloud-based Data Protection Adoption

PERCENTAGE OF ORGANIZATIONS CURRENTLY USING CLOUD-BASED DATA PROTECTION SERVICES.



Improved security

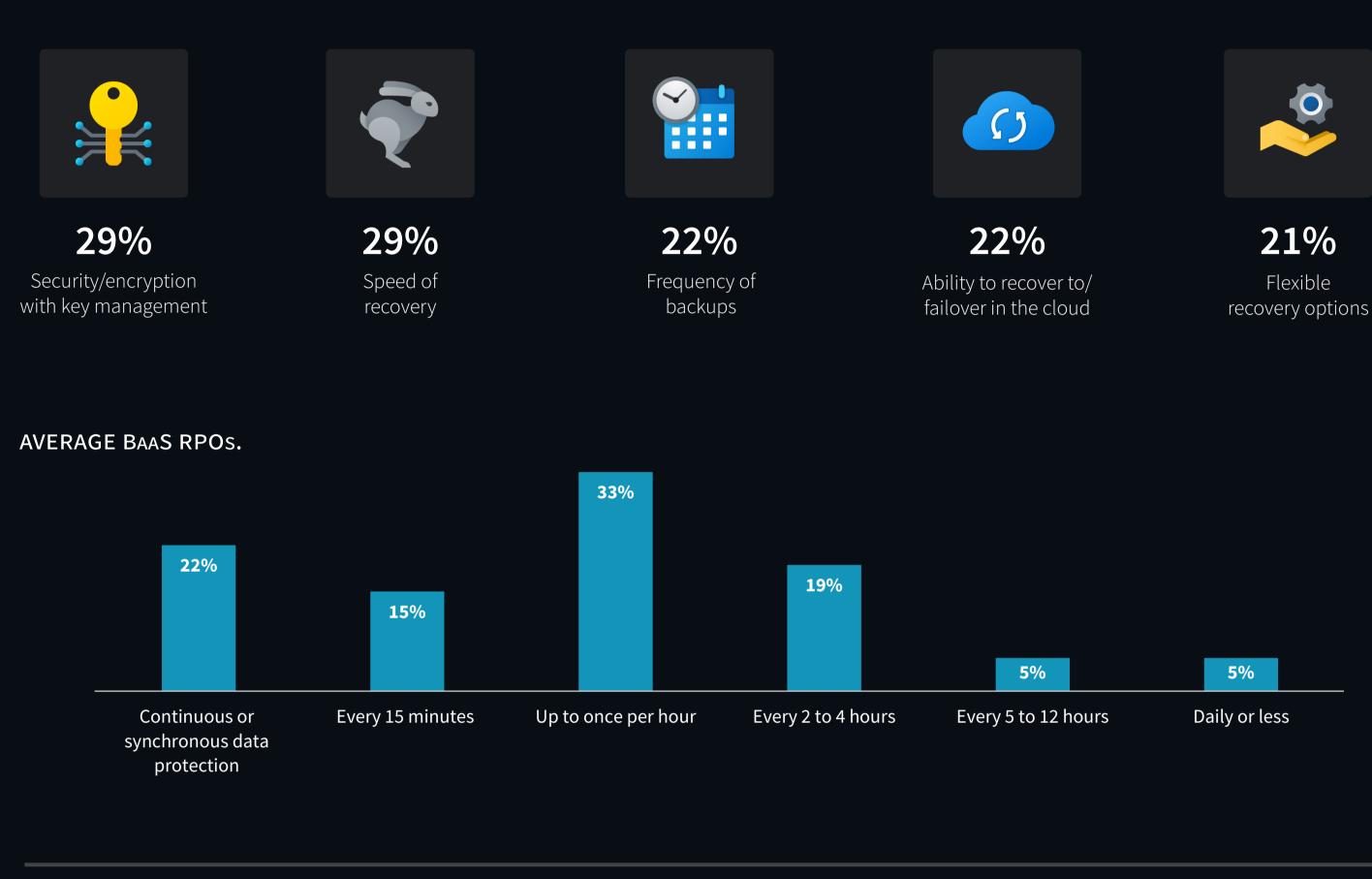
BENEFITS OF CLOUD-BASED DATA PROTECTION SERVICES.



Continuous data protection capabilities are key to meeting BaaS recovery objectives.

Critical Considerations

TOP 5 CHARACTERISTICS OF OR CONSIDERATIONS FOR BAAS.



PRIMARY REASON TO SELECT CLOUD BACKUP/DR TARGET INSTEAD OF BAAS.

38%

33%

Overall cost-

effectiveness of the

solution

is gaining momentum.

An Attractive Approach

■ 2019 (N=335) 2021 (N=359)

Extending on-premises data protection environments with cloud backup target solutions

24% 19% 16%

30%



Overall scalability

of the solution

Ability to recover/

failover in the cloud

Restore

speed/egress

API

Advanced security

features



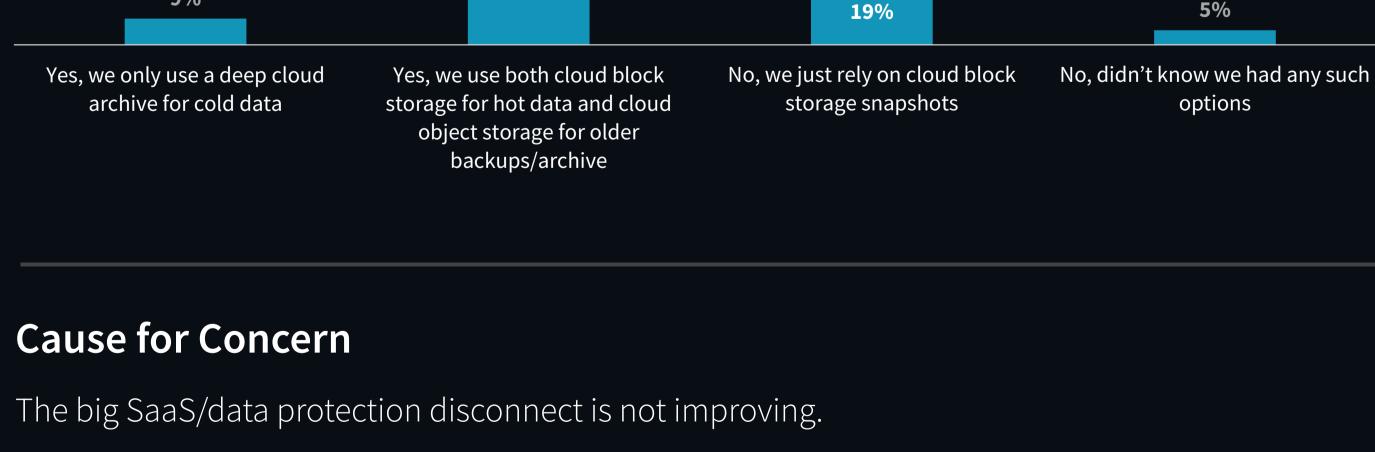
9%

Must support a tiered

storage approach

USE OF COST-EFFICIENT DATA TIERING FOR DATA PROTECTION STORAGE SUPPORTING PUBLIC CLOUD INFRASTRUCTURE-RESIDENT APPLICATIONS.

63%

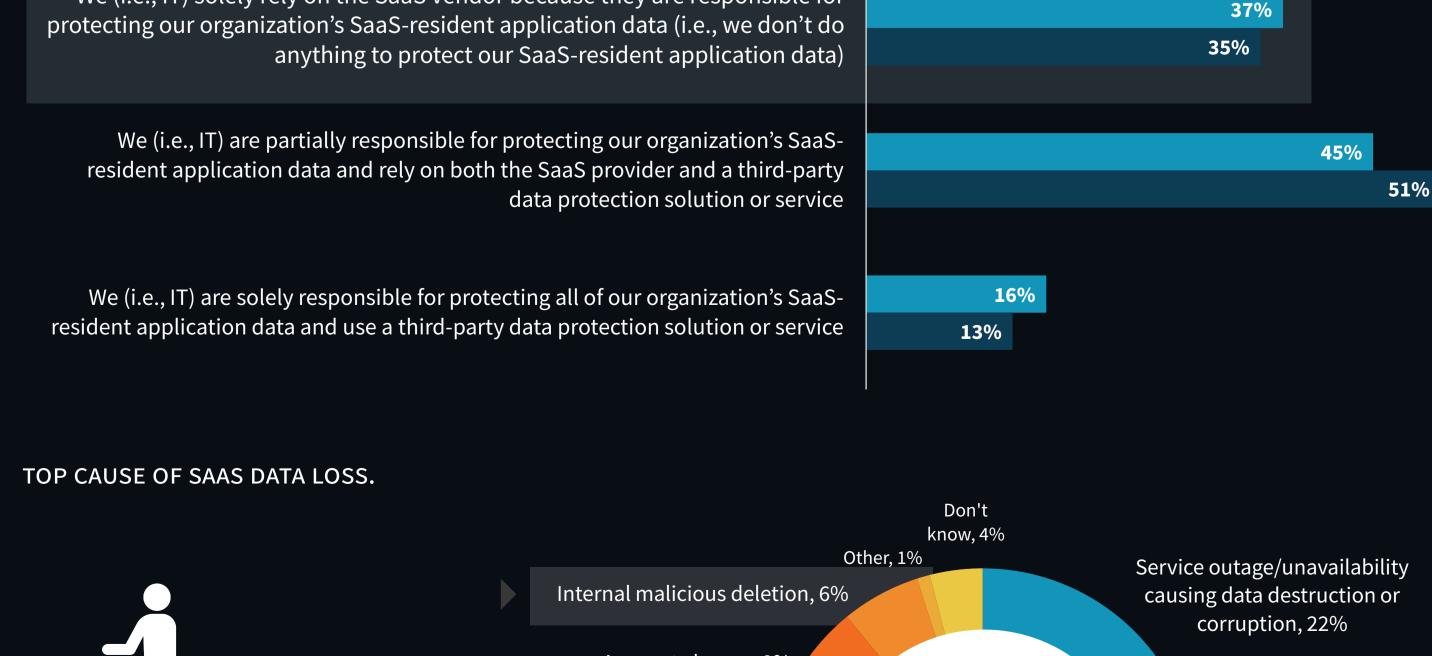


We (i.e., IT) solely rely on the SaaS vendor because they are responsible for

APPROACH TO PROTECTING SAAS-RESIDENT APPLICATION DATA.

MARKET EDUCATION

STILL NEEDED.



■ 2019 (N=347)

■ 2021 (N=344)

Account closure, 8% 25% Misunderstanding of retention/deletion policies of service, 9% of organizations say Accidental deletion, malicious deletion 20% Inability to recover all the lost is their top cause of data with current backup mechanism, 12% SaaS data loss. External malicious deletion, 19%

on this data, read the ESG Research Report, The Evolution of Data Protection Cloud Strategies.

For more data and analysis from this ESG research study, including recommendations for optimizing modern IT environments based