

# Hybrid Cloud Storage Challenges and Considerations



## Hybrid and Multicloud Environments Represent the Future of Infrastructure For Modern Applications

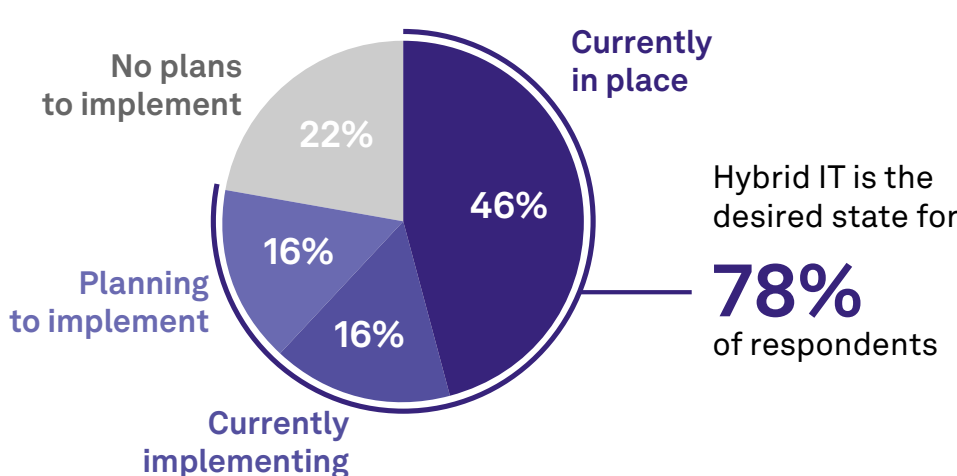


To achieve this goal, organizations must keep a number of factors in mind to ensure their future environments have the

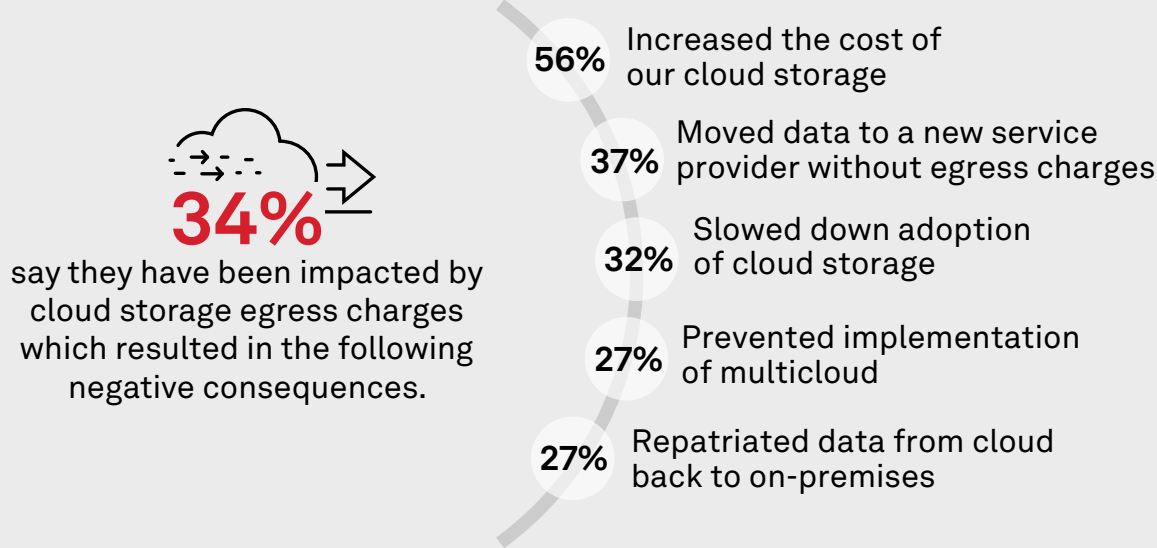
- ✓ **resiliency**
- ✓ **cost efficiency**
- ✓ **workload portability**

that business stakeholders demand

## Hybrid IT Adoption Means Higher Workload Mobility

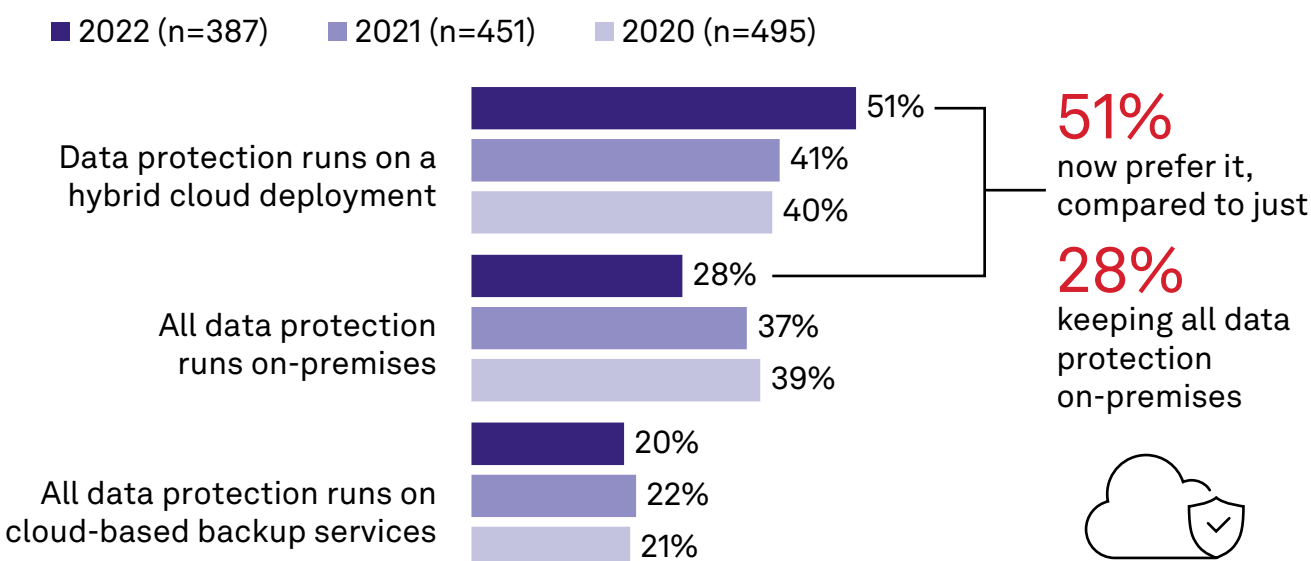


## Egress Charges Are Among Cost Concerns for Hybrid IT



## Cloud-Based Data Protection Is the Norm

The adoption of hybrid cloud storage for data protection continues to increase.



Cloud storage is attractive since it is an **offsite backup medium** that customers can rely on even if a disaster strikes their primary datacenters.

## Cloud Storage Colocation Facilitates Multicloud



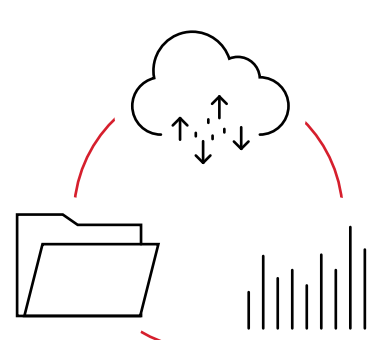
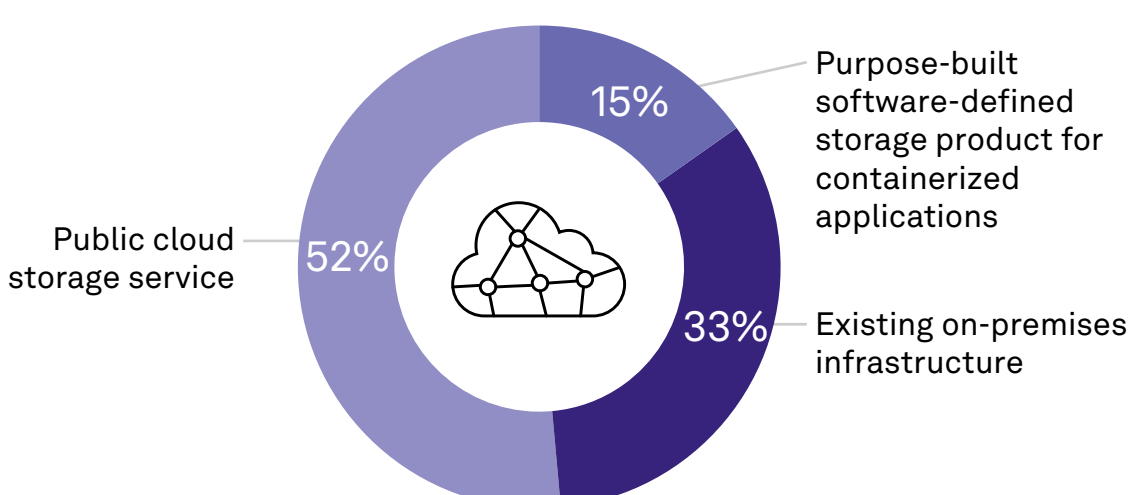
**Cloud storage colocation** services are rising in popularity with **33%** using them today and **39%** looking to use them in the future.



These services allow customers to keep **physical control** of their data, while at the same time providing **low-latency network access** to hyperscale cloud providers.

## Cloud-Native Applications Demand Flexible Storage

Organizations that have embraced cloud native have shown **nearly equal preference** for public cloud storage services and on-premises offerings (existing arrays or software-defined storage).



Future infrastructures must have application and data mobility capabilities to **provide consistency for workloads** in current execution venues and future ones.

Source: 451 Research's Voice of the Enterprise: Cloud, Hosting & Managed Services, Workloads & Key Projects 2021; Voice of the Enterprise: Storage, Transformation 2022; Voice of the Enterprise: Disaster, Data Management & Disaster Recovery 2022; Voice of the Enterprise: Storage, Data Management and Disaster Recovery 2021



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