

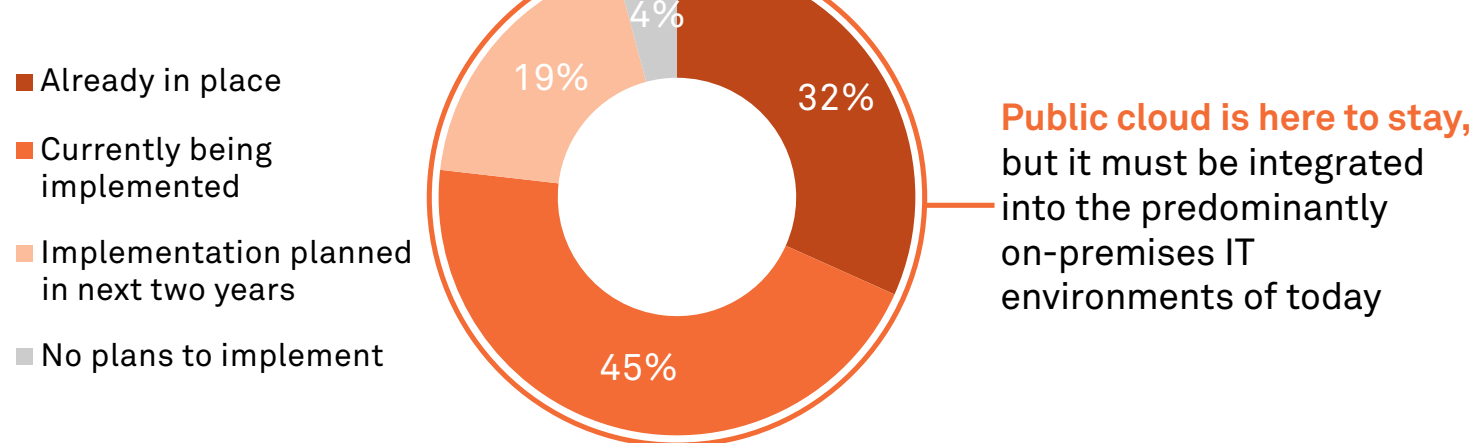
Hybrid IT Fuels Modern Data Architectures

The Future of IT is hybrid, which means flexible and agile, but also more complex



Current state of hybrid IT implementation

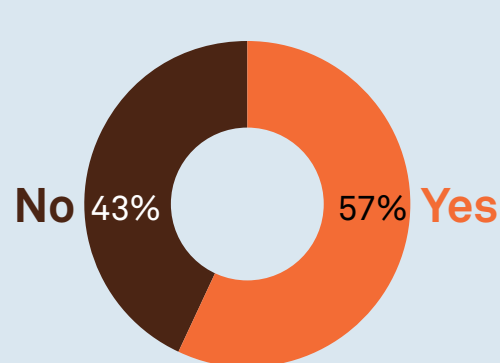
Base: Respondents with at least some IT infrastructure in public cloud environments (n=554)



Optimal placement for data and analytics workloads is easier said than done

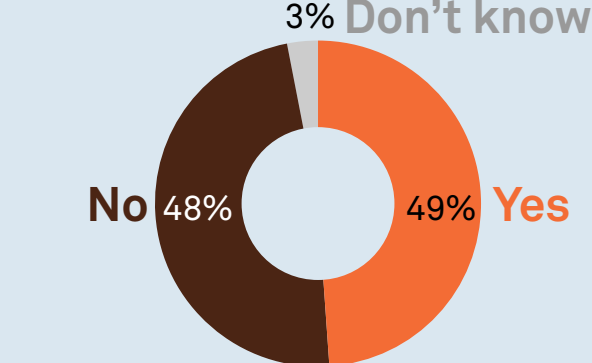
Data/analytics workload repatriation from public cloud to on-premises IT during the past year?

Base: All respondents (n=561)



Data/analytics workload repatriation from public cloud to on-premises IT in the coming year?

Base: All respondents (n=561)



Public cloud is not the only (or necessarily best) choice for data & analytics workloads

Security and control are key motivations for modernizing data and analytics workloads on-premises

Factors fueling on-premises modernization/retention of data/analytics workloads

Base: Organizations modernizing/retaining data/analytics workloads on-premises (n=188)



55%
Ensure data and system security



41%
Maintain control over data locality/sovereignty

Modernization and on-premises data and analytics workload execution are not mutually exclusive



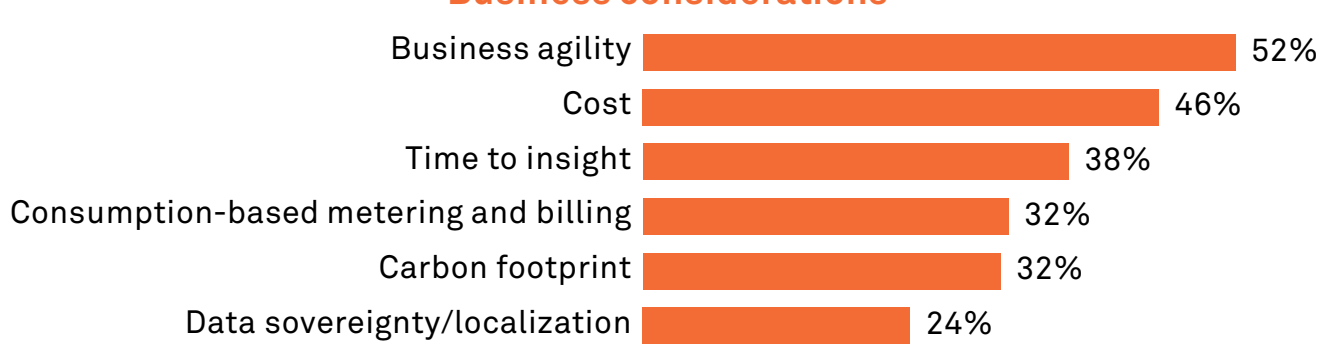
Private cloud checks all the technology and business boxes for organizations that are looking for on-premises infrastructure:

- Performance
- Business agility
- Speed and scale
- Overall cost

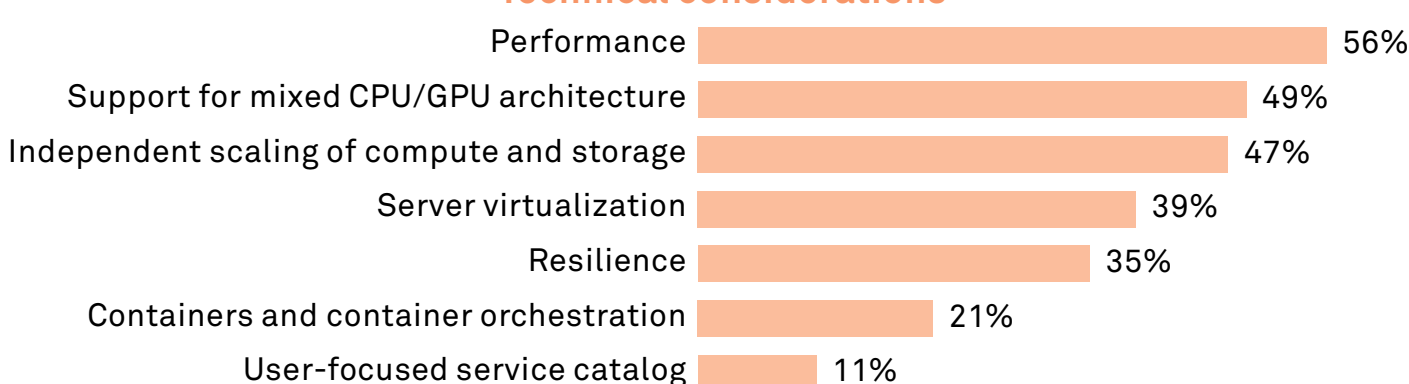
Data/analytics workloads: **key selection criteria** for on-premises/hosted datacenter infrastructure

Base: All respondents (n=562)

Business considerations



Technical considerations



Private cloud fits the bill for data and analytics workload modernization on-premises

With private cloud, you've got all the bases covered for data and analytics workload modernization

95%
agree to some extent that private cloud adoption will facilitate migration of workloads to public clouds.

94%
agree to some extent that private cloud adoption will facilitate transformation of IT architecture to a hybrid IT environment

Base: All respondents (n=562)

Reimagining your IT estate to ensure that data and analytics workloads can operate in an environment that maximizes

Flexibility

Availability across multicloud and hybrid IT environments

Scalability

Security/governance/control

Optimized time to insight

Source: 451 Research, custom survey commissioned by Cloudera, 4Q 2021

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