

# UNDERSTANDING A MULTI-CLOUD VS. HYBRID CLOUD STRATEGY

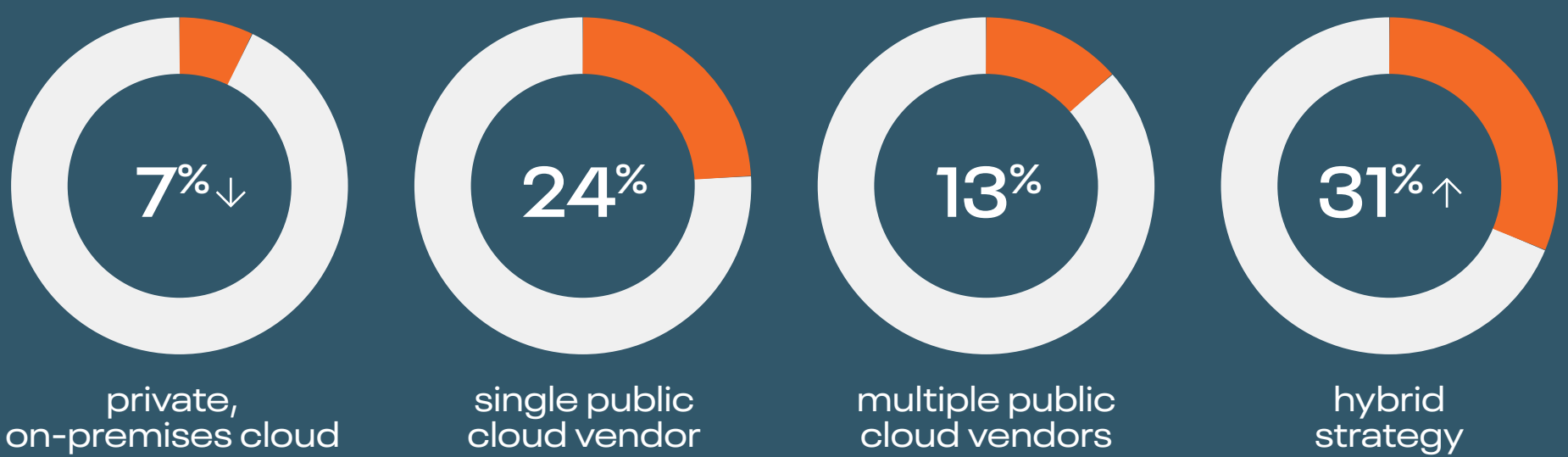
## What's a multi-cloud strategy?

A multi-cloud strategy utilizes several public cloud platforms for different functions: data storage on one; front-end apps on another; data processing on third.

## What's a hybrid cloud strategy?

A combination of on-premises data centers and private and public cloud platforms. A hybrid cloud strategy can include multiple public clouds.

## Which STRATEGY do businesses choose?



### TOP 3 WORKLOADS for hybrid multi-cloud deployments

- Data Science
- Data Warehousing
- Business Intelligence

### TOP 3 REASONS for switching to a public cloud (single or multiple)

- Flexibility to Scale Up and Down
- Lower Costs
- Better Data Science & Analytics

## HOW MUCH DO BUSINESSES SAVE ADOPTING A HYBRID MULTI-CLOUD STRATEGY?

**50-65%** of their cloud expenditure by mixing and matching different vendors



### COST SAVINGS BENEFITS of a hybrid cloud strategy

- Improves scalability, reliability, and security
- Makes it faster and easier to analyze data
- Eliminates traditional costly data center management and software development
- Facilitates portability
- Provides elasticity and agility
- Enables innovation

## CHALLENGES AND WAYS TO OVERCOME

### Top 3 challenges of a multi-cloud strategy



### How to overcome hybrid cloud strategy challenges

#### Costly and inefficient data silos

##### CHALLENGE

Without central coordination data is siloed and provides fragmented insights.

##### HOW TO OVERCOME

An enterprise data cloud, like Cludera Data Platform (CDP), allows multiple analytic functions to run together, regardless of the data source.

#### Problems with data access, security, and governance

##### CHALLENGE

Silos and decentralized cloud environments can create access, security, and governance problems.

##### HOW TO OVERCOME

A single data platform helps to maintain enterprise data security, governance, and control across all environments.

#### Vendor lock-in and limited portability

##### CHALLENGE

Some enterprises find themselves stuck with their cloud vendor, unable to easily migrate or export data. Others face multiple cloud portability and integration.

##### HOW TO OVERCOME

An open source data platform helps to move workloads between cloud environments, while remaining agile, elastic, and easy-to-use.

## SUCCESSFUL HYBRID AND MULTI-CLOUD STRATEGIES



ATB is the leading financial institution in Alberta, Canada. A hybrid cloud strategy reduced its time to value for big data analytics by 90%. Some data analytics jobs used to take up to ten minutes, now they run in less than a minute.



Globe Telecom leads the mobile market in the Philippines. It was one of the first companies in Southeast Asia to move to the public cloud and adopt a hybrid cloud strategy. This move future-proofed the company's analytical abilities and ensured it maintains a competitive edge in the global industry.



The R&D at GlaxoSmithKline, a global pharmaceutical company, adopted a hybrid multi-cloud strategy to modernize, expedite, and reduce costs of analyzing clinical trials data. The process, which used to take years with on-premises infrastructure, was reduced to a few months by leveraging public clouds and a data platform.

Contact us today for more information about **cloud strategies**



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<sup>1</sup> Cludera Big Data & Analytics Maturity 2020 Survey

<sup>2</sup> 451 Research Whitepaper

<sup>3</sup> Harvard Business Review Survey for Cludera