

# HYBRID CLOUD ARCHITECTURE

## WHAT IS CLOUD ARCHITECTURE?

Hybrid cloud architecture is a synthesis of a public cloud such as Azure, AWS, etc., and in-house infrastructure that is sometimes called the private cloud. The goal of the hybrid cloud is to enable modern organizations to place their workloads in the most appropriate environment.

While many have suggested that a hybrid cloud is only a waypoint on the road to full public cloud adoption, the reality is that some workloads will never be migrated to the public cloud until they are fully refactored.

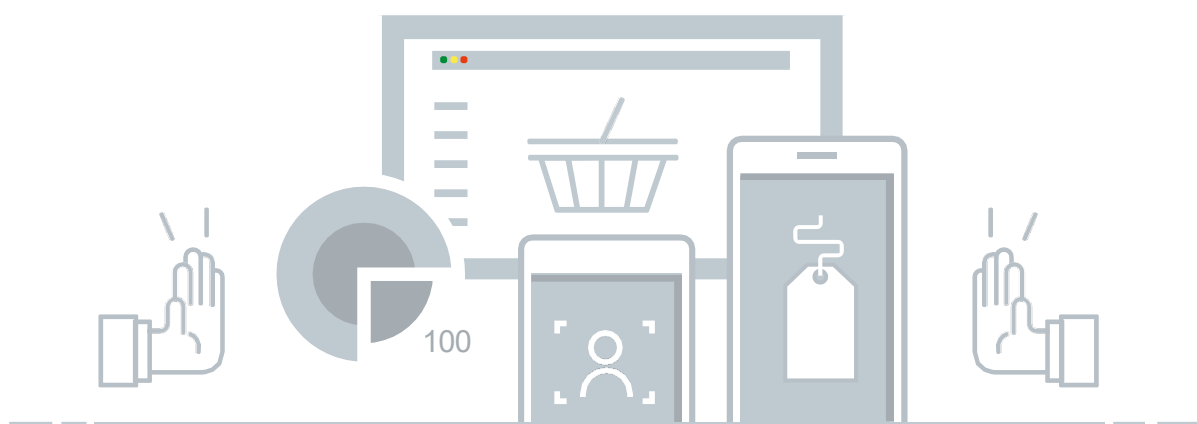


# THERE ARE MANY HYBRID CLOUD APPROACHES

Organizations can choose their hybrid cloud approach based on their business model, budget, and regulatory and security requirements. Driven by the breadth of technology options, potential cost savings, and the need for business agility, more than 92 percent of businesses are already moving to a hybrid or multi-cloud strategy.

With the best of both worlds, a hybrid cloud infrastructure enables businesses to take full advantage of their existing resources and scale their on-site infrastructure to a public cloud when there is a surge in demand. There are many benefits to the hybrid model, however, for most enterprises, the cloud is now an addition to existing traditional systems and that adds complexity which, in turn, adds risk and cost.

You need to maintain interoperability between your clouds; if not done correctly, you'll miss out on the "hybrid" part of the cloud. A single cloud operating system means you can monitor, manage, and orchestrate across each of your cloud environments with a single, simple set of tools. Most importantly, the unique operation considerations of the hybrid cloud should not be neglected and here is where Net Reply can help.



**NET REPLY** Founded in 2010, Net Reply is focused on network innovation and security. We partner with our clients to ensure their network environment and strategy is ready to capitalize on the potential of digitalization, IoT, and cloud by using the power of automation and future networking.

# HYBRID CLOUD BENEFITS AND CHALLENGES

## Hybrid cloud benefits include:

- Elasticity
- Flexibility and agility
- Self-service
- Faster delivery of new products & services
- Cost control
- Lock-in avoidance
- Access to the latest technology

## Hybrid cloud challenges include:

- Increased management complexity
- Lack of unified toolsets
- High cost of application refactoring
- Siloed tools and processes

## Here's how Net Reply can help:



### Initiate

Engagement/Art of the possible  
Multi-vendor proof-of-concept  
Business case definition



### Select

Requirements definition  
RFx production  
RFx evaluation  
Supplier benchmarking



### Implement

Migration strategy/planning  
Management pilot implementation and rollouts



### Optimize

Service optimization  
ROI  
Dashboarding  
Knowledge transfer and handover

**We can help you understand what capabilities and services you really need and help you identify quick wins and creative solutions for your business challenges and opportunities.**

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