# Hybrid Cloud and the Remote Reality

## Why in news ?

As businesses shift priorities to enable remote work, it’s time to rely on an effective multi-cloud, multi-edge, hybrid approach

## What is a hybrid cloud?

- Hybrid cloud is an IT infrastructure that combines and unifies public cloud and private cloud services from multiple cloud vendors.
- Hybrid cloud architecture focuses  on the mechanics of transforming portions of a company's on-premises data centre into private cloud infrastructure
- It then connects that infrastructure to public cloud environments hosted off-premises by a public cloud providers such as  Google Cloud Services, IBM Cloud, Microsoft Azure, etc.



## What are the benefits of hybrid cloud platform?

- **High scalability -** With the scope of new additions in existing infrastructure
- **Very secure -** Giving businesses crucial control over their data and improved security
- **High flexibility -** Certain types of data can be stored on-premise while allowing less sensitive data to be stored on the cloud
- Greater infrastructure efficiency by strengthening remote work
- Cost and time efficient
- Modernisation of application landscape
- Seamless cross-functional communication
- Overall business acceleration

## What parameters need to be assessed in this model?

- Regulatory requirements
- Security compliance
- Stringent latency

- Connectivity issues
- Dependency on internal IT infrastructure
- Managing multiple vendors and platforms

**Source: The Hindu Businessline**

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