



Public, Private, or Hybrid Cloud: Which Model is Best for Your Business?



As companies consider cloud migration, they may find navigating the different cloud models challenging. They may ask themselves which solution is best for their business: public, private, or hybrid cloud. Read on to discover which cloud model is the best fit for your business.

Tim Walker, MD, Aura Technology

Public Cloud

The most common cloud computing deployment model is a public cloud-based deployment. In this model, a third-party service provider owns and operates the resources and hardware over the Internet. The provider, such as Microsoft Azure, manages all cloud services, and the user shares the same resources and hardware with other organisations.

Public cloud models are helpful for organisations that need the cloud to operate their business on a functional level and to enable their infrastructure. The benefits of the public cloud deployment model include cost reduction, high scalability, no maintenance required, and reliability.

Private Cloud

A private cloud system is based on hardware used exclusively by one organisation. It can either be on-premises or hosted by a third-party service. The significant difference between private and

public clouds is that private cloud infrastructure is exclusively used by one organisation and designed to fit its needs.

Organisations that handle sensitive and secure data, such as government institutions and banks, mainly use private cloud systems. The benefits of a private cloud model include flexibility and better control over data storage and security.

Hybrid Cloud

A hybrid cloud platform is a mix of public and private cloud deployments. This infrastructure combines the best elements of the public cloud with private/on-premises infrastructure. This system allows businesses to use general, cloud-based hardware to quickly scale their private cloud/on-premises system without publicly sharing the whole system.

Hybrid cloud solutions provide several benefits, including scalability and control over the data. They are also cost-effective

and allow organisations to eliminate the capital expenditure required to account for short-term spikes in demand and volume.

Choosing the right Cloud Model

For most organisations, the public cloud is perfect. It saves costs and allows businesses to work with an established provider to ensure their system remains stable and reliable, with great scalability. However, a private or hybrid solution may be better for larger institutions or government organisations that handle sensitive data.

In conclusion, companies must consider their needs, budget, and data security requirements when choosing the suitable cloud model for their business. While the public cloud is the most common deployment model, private and hybrid cloud solutions offer more control over the data and infrastructure. Companies must weigh the benefits and drawbacks of each model to make an informed decision that aligns with their organisation's goals and objectives.

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Contact Aura Technology

auratechnology.com

03333 208 601

tim.walker@auratechnology.com