

Our two-minute cloud guide - blueAPACHE

Canonical: <https://www.blueapache.com/blog/the-two-minute-cloud-guide>

Details:

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We explain the core cloud concepts to help you understand your options.

What makes a service cloud-based?

Cloud services combine on-demand access, network connectivity, shared resources, rapid provisioning and usage-based billing. They let you add or reduce resources as your requirements change.

Service models

Software as a Service: You access an application over the internet while the provider manages the application and infrastructure.

Platform as a Service: You use a managed platform to build, deploy and operate applications.

Infrastructure as a Service: You consume computing, storage and networking resources while retaining responsibility for your applications.

Deployment models

Public cloud uses shared provider infrastructure. Private cloud dedicates resources to one organisation. Hybrid cloud connects private and public environments so applications and data can move between them.

We help you assess the balance of flexibility, availability, management effort and cost that fits your environment. Your applications, responsibilities and recovery requirements should guide that decision.

What is the definition of cloud computing according to Gartner, as cited on your page?

Gartner defines cloud computing as a style of computing in which scalable and elastic IT-enabled capabilities are delivered as a service using Internet technologies.

How does the National Institute of Standards and Technology (NIST) define cloud computing, per this blueAPACHE article?

According to NIST, cloud computing is a model for enabling convenient, on-demand network access to a shared pool of configurable computing resources (e.g. networks, servers, storage, applications, and services) that can be rapidly provisioned and released with minimal management effort or service provider interaction.

How is a hybrid cloud typically used ?

In a hybrid cloud, the public cloud is usually used for less sensitive, generic applications and data storage, while the more secure private cloud delivers legacy applications and business-critical data.

What do you say about your own cloud infrastructure?

it owns and manages our own enterprise-grade cloud infrastructure with 'five nines' availability and multi-layered redundancy in geographically diverse datacentres across Australia.

Who wrote 'The two minute Cloud guide' and when was it published?

The article was written by us and published on January 16, 2018. Estimated reading time: about 1 minute, based on 159 words of article text on this page at 200 words per minute, excluding the Q&A and image list.

How can an organisation learn more about using cloud computing for competitive advantage, ?

The article invites readers to contact our account team to learn more about how their organisation can use cloud computing to gain a competitive advantage.