

BEST OF CLOUD COMPUTING



What is Cloud Computing?

Cloud computing is the supply of computing services via the internet, including servers, storage, databases, networking, software, analytics, intelligence, and more.



5 Cloud Computing Service Providers



Google Cloud Platform (GCP) is a collection of Google's Storage, Big Data, Machine Learning, and Computing Networks that run on about the same cloud architecture as Google's existing services, such as Gmail.

Microsoft Azure is a Microsoft-provided public cloud computing platform. It features compute, analytics, storage, and networking as well as other cloud services. Users can use these services to create, innovate, or build new apps on the cloud, or to run current applications.



Alibaba Cloud/Aliyun provides cloud computing services to Alibaba's e-commerce platforms, including Taobao and Tmall, as well as online enterprises, such as Databases, Networking, and Big Data.

For organisations and enterprises, IBM Cloud offers an open and secure public cloud, a next-generation hybrid multicloud platform, and sophisticated data and AI capabilities.



DigitalOcean is a cloud service solution with infrastructure that supports a wide range of services such as Databases, Virtual Machines, Load Balancers, and more.

					
Market share	8%	16%	5%	6%	1.5%
Free Trial	12 month Free Tier	12 month Free Tier	12 month Free Trial	Lite Tier with 256MB of cloud foundry memory	\$50 free credit for 30 days
Pros	Reliability Affordable	Infrastructure Configuration, Ideal for big project	Elastic Container instance, Scalable, high-performing servers	Flexibility, Speed, Interoperability	Easy to use, Affordable
Cons	limited features and services	unsatisfactory customer experience and technical support	less customizable, offers handful of regions in America and without any service in South America	complicated pricing model, can be slow	unsatisfactory error addressing, security issues

What is the motivation did you gain on how the chosen examples help human life in a particular aspect?

Absolutely, cloud computing provides lots of benefits in elevating the efficiency and productivity of businesses. Cloud computing enable businesses to expand their size at will and minimize their expenses in licensing, cooling costs as well as server maintenance.