

# Cloud Computing Services



## Cloud service providers

They are third-party companies that provide cloud-based platforms, infrastructure, applications, or storage services.

In addition to the Pay-per-use model, cloud service providers also offer enterprises a variety of benefits.

Organizations are limited to the physical constraints of local servers, the reliability of multiple data centers with multiple redundancies, customization by configuring servers to their liking, and easy-to-use, responsive load balancers. You can take advantage of scalability and flexibility because it is not. Change requirements.

However, organizations should also consider security considerations when storing information in the cloud to ensure that industry-recommended configurations and practices for managing access and compliance are implemented and adhered to.

## Types of services

**Software as a Service (SaaS):** Customers provide software that can be used over a specific time period or life cycle.

SaaS uses the Internet to deliver applications to customers.

**Platform as a Service (PaaS):** a framework that developers use to create applications and customize previously created applications. This service is also provided over the

Internet, where all management is done by the company or a third-party provider.

**Infrastructure as a Service (IaaS):** Allows customers to access and monitor computers, networks, and other services. With IaaS, customers can buy resources as needed, rather than buying expensive and difficult-to-maintain hardware.

## Reflection

The area of application of cloud computing is constantly expanding. Today, all businesses, small and large, use cloud computing to monitor capacity, traffic, and equipment requirements. Hence, there is no doubt that cloud computing has a significant impact on society and businesses

## Top Service Providers

**Microsoft Azure:**

Microsoft Azure is a cloud computing service used to create tests for deploying and managing applications. This process takes place in a global network of data centers managed by Microsoft. It is a private as well as a public cloud platform.

**Google Cloud Platform:**

The Google Cloud platform is basically used for Google search and YouTube. Google Cloud has a variety of services such as data analysis, machine learning, and data storage.



<https://www.forbes.com/sites/patrickmoorhead/2019/04/03/simple-factors-to-consider-when-selecting-a-stable-multi-cloud-provider/?sh=59854a101980>

### IBM Cloud Services.

IBM Cloud offers services such as Platform as a Service and Infrastructure as a Service. This cloud organization can use the Internet to provide and access resources such as storage networks and computing power.

**Adobe Creative Cloud:**

Adobe Creative Cloud offers the best experience in apps, services, designs, photos, and the web. Adobe's cloud services provide tutorials and templates that make it easy for beginners to access and use the cloud.



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