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The latest way of delivering computing resources through central remote servers and the internet has become most advantageous for organizations. It allows users to use applications without access and installation personal data at any computer throughout the world. Cloud Computing technology provides efficient computing system to the end-user over internet. Users can maintain data and applications with the help of central remote servers and internet. With the help of computing devices, people can share useful files, videos and information in real-time from anywhere in the world. The use of cloud technology has sparked a new revolution in the IT field.

Generally, cloud is known as a single powerful system, which is the collection of computers. It can be used to execute multiple applications in a real-time. Nowadays, organizations are adopting cloud technology to remove any dependency on a particular hardware for hosting any services, resources and application for sharing. It provides flexible solutions and utilities to the end-users. The cloud service providers offer their services according to the following fundamental models:

Software as a Service (SaaS) Model:

It is a most widely known software model of cloud services. In this model, users can access the software from cloud for any application. Users do not need to download and install application on their computers or a specific hardware. It is available on demand over a network, offers all the functions of an application. Cloud services providers install and manage application software in the cloud for users. This technology offers resource sharing for offshore software development. You can connect to the cloud and use these applications with offered services.

Platform as a Service (PaaS) Model:

This model is used by software firms to run their software products by using web servers and physical servers. It is not necessary to buy, manage and maintain the hardware and software components for development. Users can share data, compute infrastructure, applications, information, tools and services for development process. A computing platform allows developers to develop and run software solutions by using cost-effective services.

Infrastructure as a Service (IaaS) Model:

This model covers a lot of business features and shares the full infrastructure for effective development of business solutions. IaaS platform is available on demand, includes network devices, individual server, storage devices, email servers, messaging system and disk drivers. It offers a flexibility to choose configuration of the hardware on which users want to execute their specific applications. The operating system, virtual machines and hardware are controlling by API. Business enterprises can avail equipment to organize business activities.

The above-mentioned cloud service models have become most popular across the globe due to its flexibility. A software development company offers effective solutions and services at affordable rates according to business requirements of their targeted clients. This platform offers time-saving and cost-effective solutions to their clients. The availability of these on-demand models is one of the biggest advantages for users. They do not need to have a complete resource set before any development process and services.

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The writer of this article is associated with SCMS which is a leading a [software development company](#). SCMS has been providing the best a [cloud computing](#) services to different sectors and is well known for offering software development solutions.

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