



Article published on June 5th 2012 | [Software](#)

The cloud is ruling the IT world today and even if you prefer Dropbox or Sherlock, it is part of the cloud which is expanding all frontiers. Amazon Web Services (AWS) is one of the most popular cloud computing platforms which have increasingly grown in popularity in recent times. Here are some of the important parts of Amazon Cloud Services.

Elastic Cloud Compute (EC2)

Amazon EC2 is like the computational brain behind AWS and its virtual machines. Developers can make use of multiple instances for handling complex computational tasks.

Instances can be configured in any of the operating systems and come in different sizes where micro instances come with 613 MB of RAM while the large ones grab 15GB of RAM.

Finally, EC2 instances can be deployed in different geographic locations of Amazon's data centers. They can also be deployed in availability zones or even in multiple regions if there is a need for increased redundancy and reduced latency. One might also do it for the purpose of load balancing.

Elastic Load Balance (ELB)

Amazon's Elastic Load Balance allows for the creation of multiple EC2 instances and the overall traffic to be distributed between them. No instances need to be burdened when EC2 can scale up and more instances can be added to restore balance.

Elastic Block Storage (EBS)

The EBS can be likened to a hard drive in your computer where every instance can be filled with files and applications. Multiple EBS volumes can be attached to an EC2 instance. The only factor is that they should be in the same availability zone as that of the instance.

Simple Storage Service (S3)

Unlike EBS volumes, Amazon's Simple Storage Service stores public facing data. S3 is often used for storing static content and anything can be uploaded there. Files are referred to as objects once uploaded and stored in places called buckets. S3 storage is scalable according to business needs.

The above components make up the core features of Amazon Web Services but there are more components involved including DynamoDB, Route53, Elastic Beanstalk and many others.

Amazon Web Services is one of the most cost-effective ways to deliver application to the cloud and in turn to your customers and clients. The best part is that you just have to pay what you use with no expenses and commitments whatsoever.

The Amazon Web Services (AWS) Integration services are offered by many distinguished providers who take up outsourcing projects for delivering cost effective and durable flexible hosting solutions.

There are a number of benefits of using Amazon Web Services:

It is cost effective and you just have to pay for what you use

The AWS cloud is distributed and secure which makes it extremely reliable.

The AWS is flexible enough for accommodating any application or any platform

Number of services to incorporate within the system

No pre-purchase commitments and minimum amount of use

General Rate cards with universal charges and no hidden ones

Focus on running business and adding value without having to worry about the datacenter

Maintain smaller environmental footprint without having to give up on flexibility and scalability

Reliable and redundant as well as platform-agnostic

The above features prove that AWS can fulfill the needs of cloud computing to varied and diverse industrial sectors

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Article Keywords:

amazon web service, AWS developers

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