



## 10 Answers to the Most Frequently Asked Questions About AWS

Amazon is widely known globally for its online shopping portal that sells everything from books to fresh groceries. But many do not know that Amazon Web Services (AWS) has driven its sales and profitability in a huge way.

Over the past few years, AWS has seen steady growth and it has become one of the most profitable and fastest-growing tech enterprises. The fact that it is a mammoth in the IT industry and the high rate with which it is growing, it is clear that there is a demand for professionals who have [AWS certification](#) and can work with AWS.

Here are the answers to the top 10 questions frequently asked about the AWS:

### **Define Amazon Web Services or AWS.**

This is a very basic question that can be answered through simple as well as complex structures. According to the terminology, AWS is a platform designed for providing secure computing power and cloud services to the clients. It includes content delivery, database storage options, and other services, all of which are intended towards the growth and development of the business.

### **What are the main components of AWS?**

Like every other cloud service in the industry, Amazon Web Services has also several key components and a structured format. Here is a list of the same:

- Access Management and Identity – It is designed for providing protection to the AWS account of the client and heightened identity control.
- Amazon Route 53 – It is a Domain Name Service (DNS) web service.
- Cloud Watch – This is a crisis management utility designed for helping the managers in inspecting and obtaining additional resources during a crisis.
- Easy Email Service – Through this service, clients, and customers can address email utilization using RESTFUL API or normal SMTP.
- Elastic Block Store or EBS – This utility is used for expanding beyond EC2. It is designed for connecting EC2 and enables the lifespan of the data beyond the EC2's capacities.
- Elastic Compute Cloud or EC2 – It is designed for managing variable workloads and giving clients the ability to host through on-demand computing sources.
- Simple Storage Device or S3 – It is one of the most popular utilities of all AWS services and is used mainly in warehouse equipment.

#### **What do you mean by Buffer in AWS?**

A buffer is needed in a cloud computing technology for maintaining seamless integration through the huge flow of loads and traffic. For this, they have designed the Elastic Load Balancer to ensure that the income traffic is distributed optimal across every channel of AWS instances.

#### **How can we secure the data in the cloud?**

Security is one of the primary aspects of cloud computing. It is important to ensure that at all times no organization or individual can seize the data of the client while it is in the transition from one point to another. Also, there must not be any information leakage from any storerooms in the cloud. The most effective way to secure information is to segregate it and then encrypt the same through mutually agreed options.

#### **What are the different services offered by cloud computing?**

There are several public and private cloud platforms that are developed or currently in development. All of these include several layers or services of cloud computing. Here is a list:

- PaaS – Platform as a Service
- SaaS – Software as a Service
- IaaS – Infrastructure as a Service

#### **Is it possible to scale the Amazon instance vertically?**

Yes, it is possible to scale the Amazon instance vertically. Here is how it is done:

- Create and twist a fresh massive instance on the top of the instance that is currently governing.
- Try to delay the current instance. Then, separate the source web mass of the server and dispatch.
- Quit the existing instance and separate it from the source quantity.
- Note the new machine ID.
- Connect your fresh server to the same source mass.

### **What are the basic components of AWS?**

There are four main components of the Amazon Web Services:

- Amazon S3 - It has been designed to enable retrieval of information occupied in the cloud structural design. It can also retrieve produced information as a result of the specified key.
- Amazon EC2 instance - It is used for running automatic parallelization and achieving job scheduling. This instance is helpful for Hadoop Cluster as it can run a large distributed system.
- Amazon SimpleDB - This component helps in storing the transitional positional log and running the errands as they are executed by the consumer or the client.
- Amazon SQS - This component is designed to be a mediator between the different controllers. It can be considered as an additional cushioning for Amazon's managers.

### **What is AWS Support?**

It offers technical assistance and advice to the clients regarding their systems in the cloud. First, all the clients have to select a tier that meets their needs. This continues the culture of AWS to deliver a performance building foundation without any long-term agreements.

### **How is the improved AWS Support different from the Basic Support?**

Through the AWS regular support, clients can get access to the commodity FAQs, resource center, web forums, customer wellness dashboard, and health screening support at no extra charge. If you want more in-depth support, you can subscribe to the enterprise, company, or user-level support, depending on your needs. On selecting AWS support, you will be able to get one-on-one assistance with a quick response from an AWS engineer.

### **What kind of issues can be addressed by the AWS Support?**

Through AWS Support, you can solve problems regarding the creation and production of the services and products offered by AWS. It also offers help with other main stack components. Here are a few examples of the problems that are dealt with by the AWS Support:

- Excellent practices that allow implementation, deployment, and handling of cloud-based software.
- Troubleshooting issues associated with AWS SDK and API.
- Addressing health check issues and issues related to the AWS tools or management consultants.
- Applications like the databases, web services, email, OS, and database storage configuration.
- Solving operation and systematic problems with the help of AWS resources.