# What Is AWS

1. AWS is stands for (Amazon Web Services)
2. AWS is a cloud computing platform that provides by Amazon that offers a wide range of services like Application, Database, Networking, Storage etc.


What Is Cloud Computing

1. Cloud means data storage platform.
2. Cloud computing is the delivery of computing services such as servers, storage, databases, networking through internet.
3. Without buying the hard disk, we can use the hard disk resources by through internet.
4. In cloud computing we are having two different models as shown in below figure.
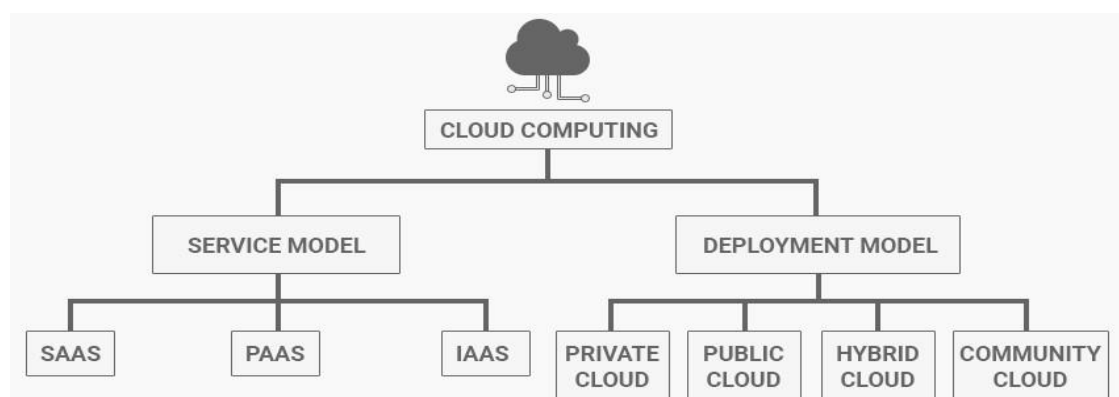
Service Model:

1. Service model is nothing but providing services like
   - **SAAS** – Software as a service
   - **PAAS** – Platform as a service
   - **IAAS** – Infrastructure as a service
2. On-premises means the total sections can be managed by company.
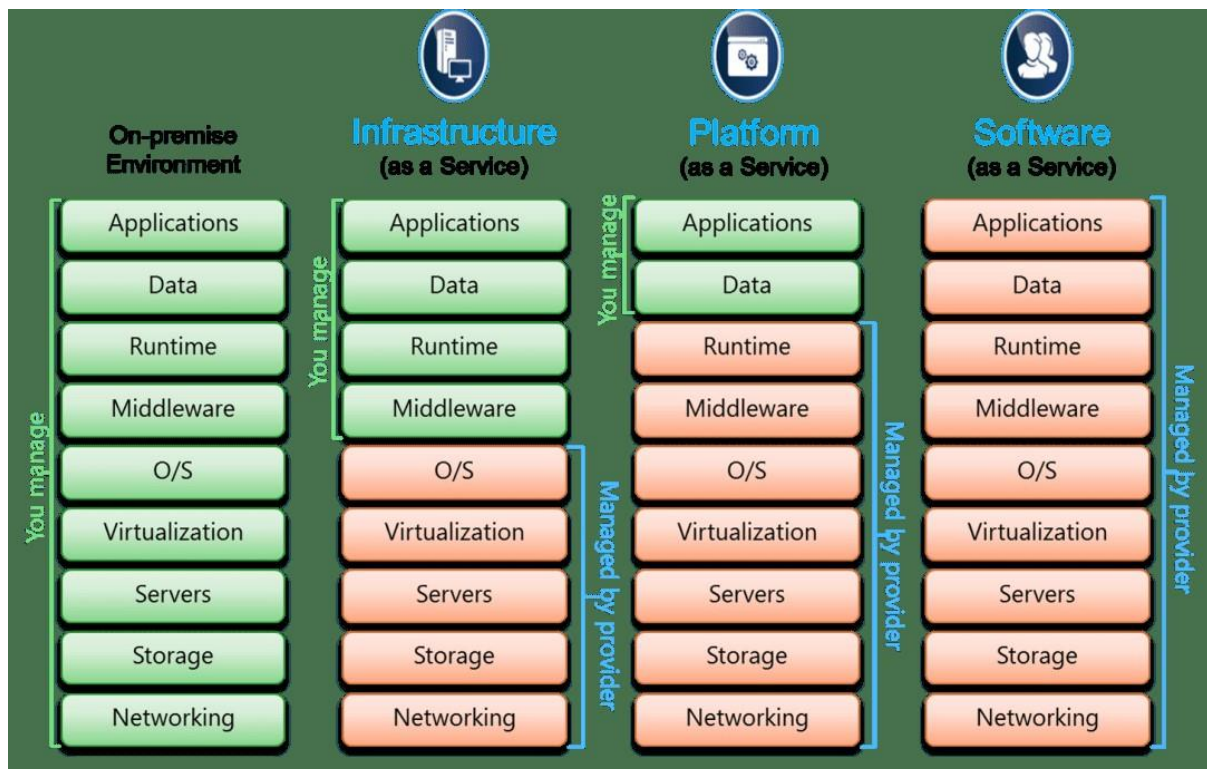
3. In SAAS all the sections can managed by cloud providers.
4. In PAAS application and data sections can be managed by company remaining section can be managed by the cloud providers.
5. In IAAS application, data, runtime, middleware can be managed by company remaining sections can be managed by cloud providers.

Deployment Models:

- **Public Cloud:**

  It is accessible for everyone, public deployment models in the cloud are perfect for organizations with growing and fluctuating demands and it is great choice for companies with low security.

- **Private Cloud:**

  Here specific users can access the resources provided by a root user, these private clouds are used in small companies with high security.

- **Hybrid Cloud:**

  This model combines the both public and private clouds by using a combination of both types of infrastructure to deliver services to customers or employees.

AWS Advantages:

1. Scalability

2. Cost-Efficiency

3. Flexibility

4. Security