



# amazon

## web services™

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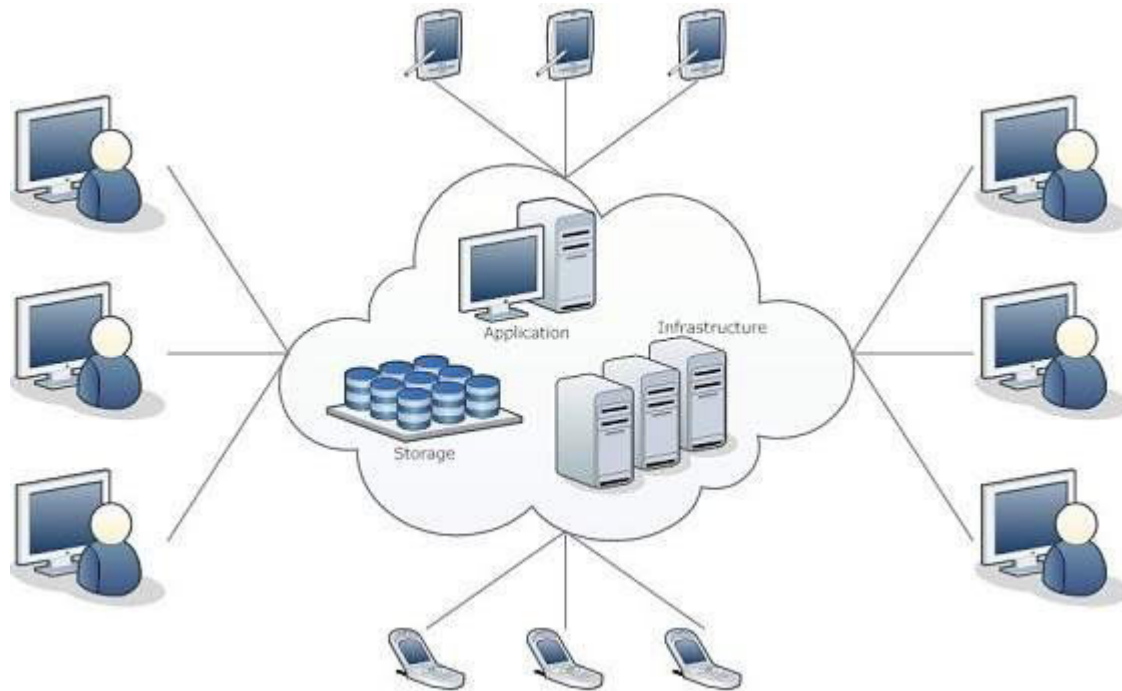
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# Agenda

- What is Cloud?
- Cloud Types and Services
- What is AWS?
- AWS services
  - a) Compute
  - b) Storage
- AWS powerful console

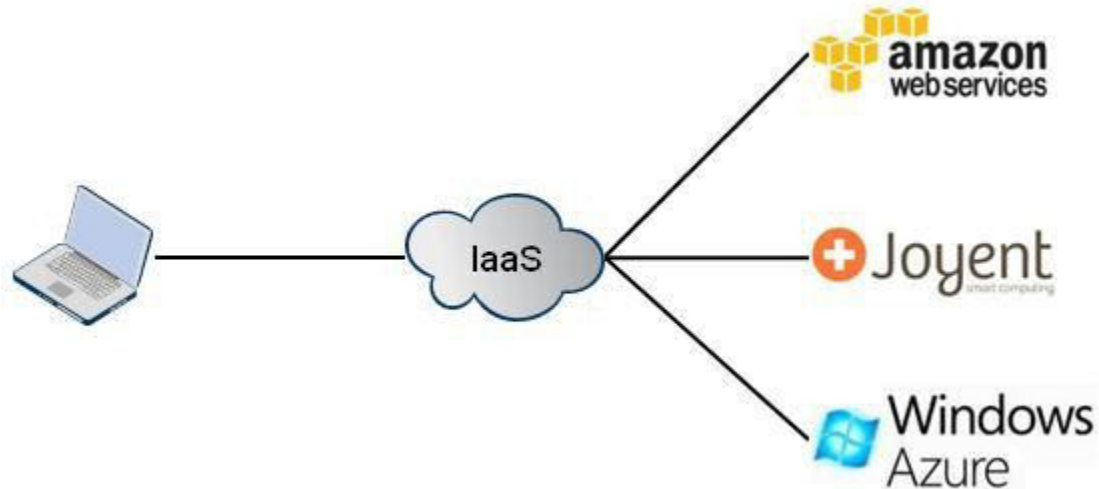
# What is CLOUD?

The term Cloud refers to a Network or Internet. In other words, we can say that Cloud is something, which is present at remote location. Cloud can provide services over public and private networks, i.e., WAN, LAN or VPN



# SERVICES

**IAAS(Infra structure as a service):**It is the most basic level of service  
.Eg: Google Drive



**PAAS(Platform as a service):**It provides the runtime environment for applications, development and deployment tools, etc. Eg:Koding



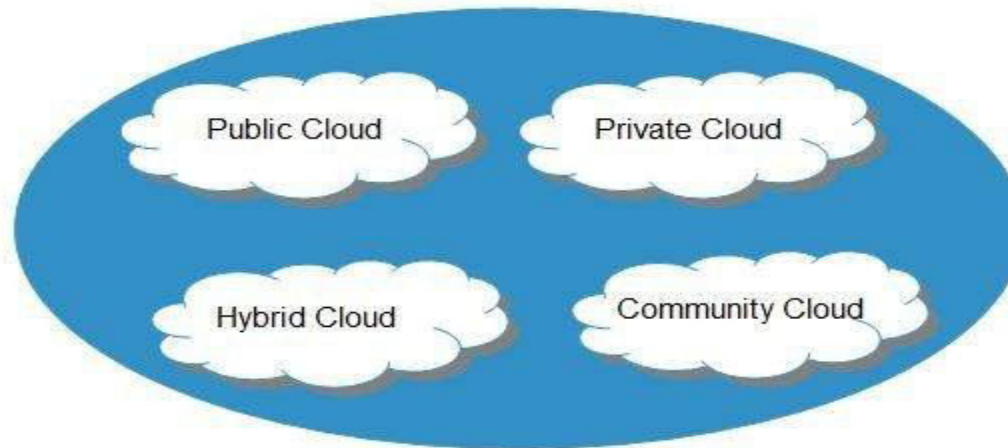
**SAAS(Software as a service):**SaaS model allows to use software applications as a service to end-users. Eg:XBOX Live



# TYPES

- **Public Cloud**
  - **Private Cloud**
  - **Community Cloud**
  - **Hybrid Cloud**
- 
- **Public Cloud:**The public cloud allows systems and services to be easily accessible to the general public. Public cloud may be less secure because of its openness.
  - **Private Cloud:**The private cloud allows systems and services to be accessible within an organization. It is more secured because of its private nature.
  - **Community Cloud:**The community cloud allows systems and services to be accessible by a group of organizations.

- **Hybrid Cloud:** The hybrid cloud is a mixture of public and private cloud, in which the critical activities are performed using private cloud while the non-critical activities are performed using public cloud.





# AMAZON WEB SERVICES

- Amazon Web Services (AWS), is a collection of remote computing services, also called web services, that make up a cloud-computing platform offered by Amazon.com.

## AWS Foundation Services





# SERVICES

- **Compute**
- **Mobile Services**
- **Application Services**
- **Enterprise Applications**
- **Storage & Content Delivery**
- **Database**
- **Networking**
- **Developer Tools**
- **Management Tools**

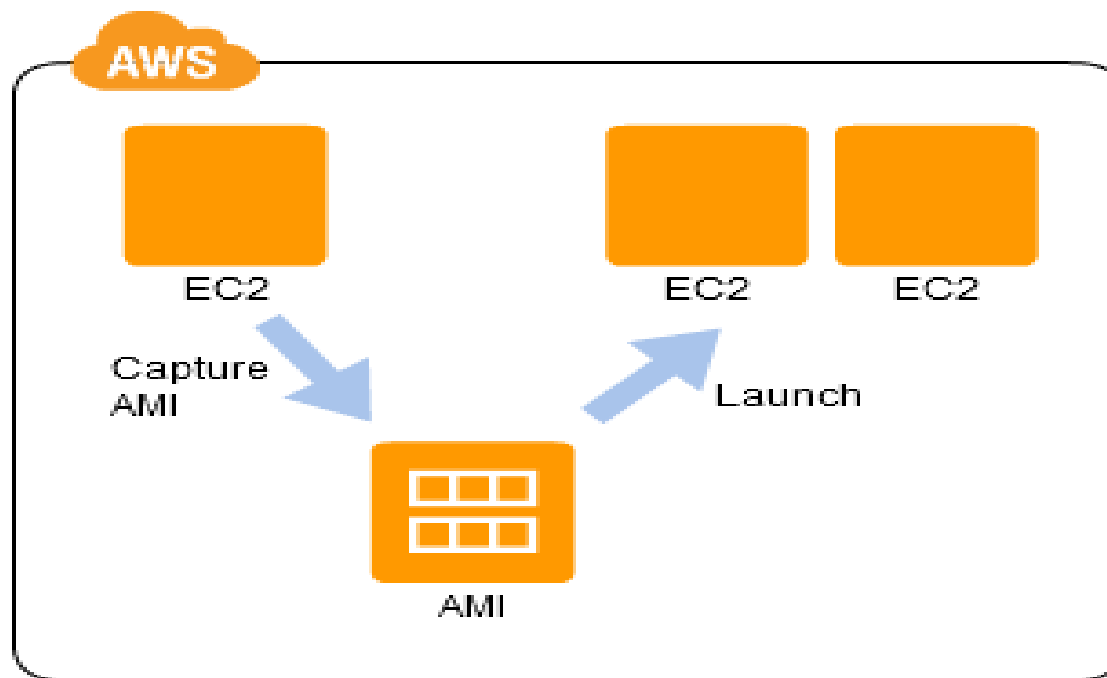


# CONTI...

- **Analytics**
- **Internet of Things**
- **Mobile Services**
- **Application Services**
- **Enterprise Applications**
- **Security & Identity**

# COMPUTE

1) **EC2**: Used to create Instances.

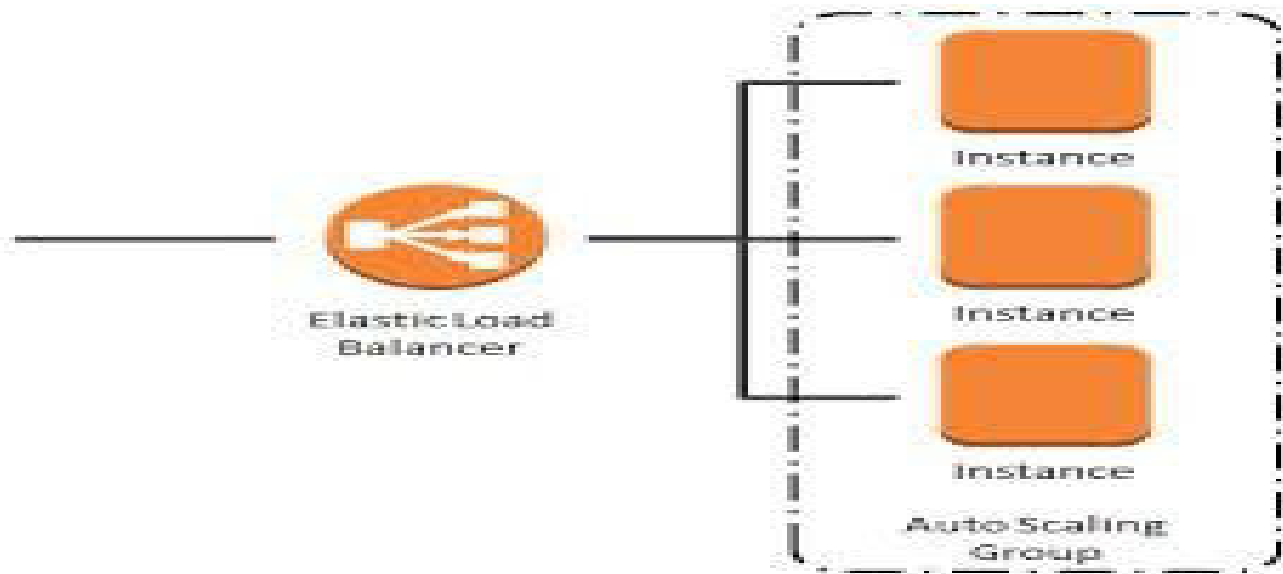


## a)Auto Scaling :

-Used for scaling Instances(Servers)


## b)Elastic Load Balancer:

-Acts as a traffic manager.



**2)Lambda:**It is used to run the code without provisions and managing servers . The languages supported to run code are java and node.js.


## AWS Compute offerings



**EC2**  
Virtual servers in the cloud



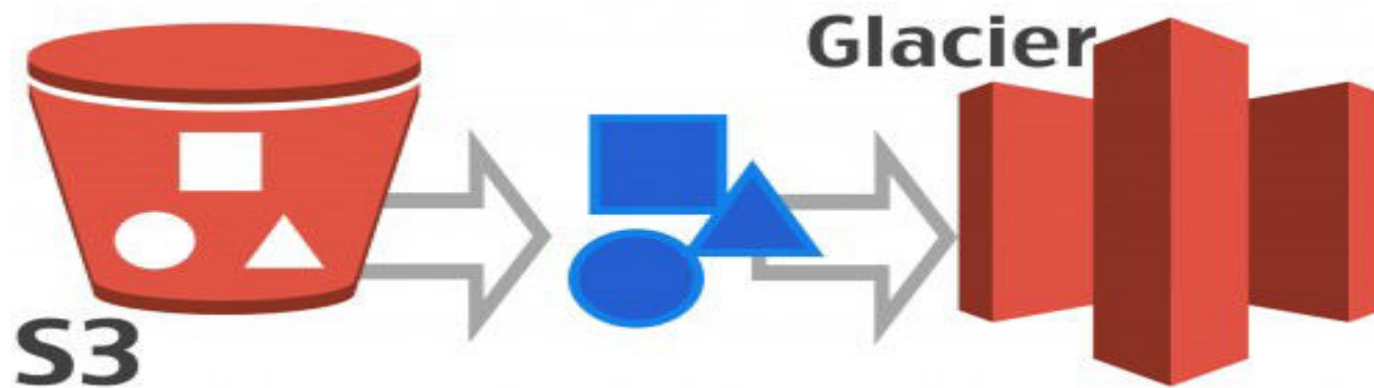
**Lambda**  
Server-less compute platform for Stateless, event-driven code execution



# STORAGE

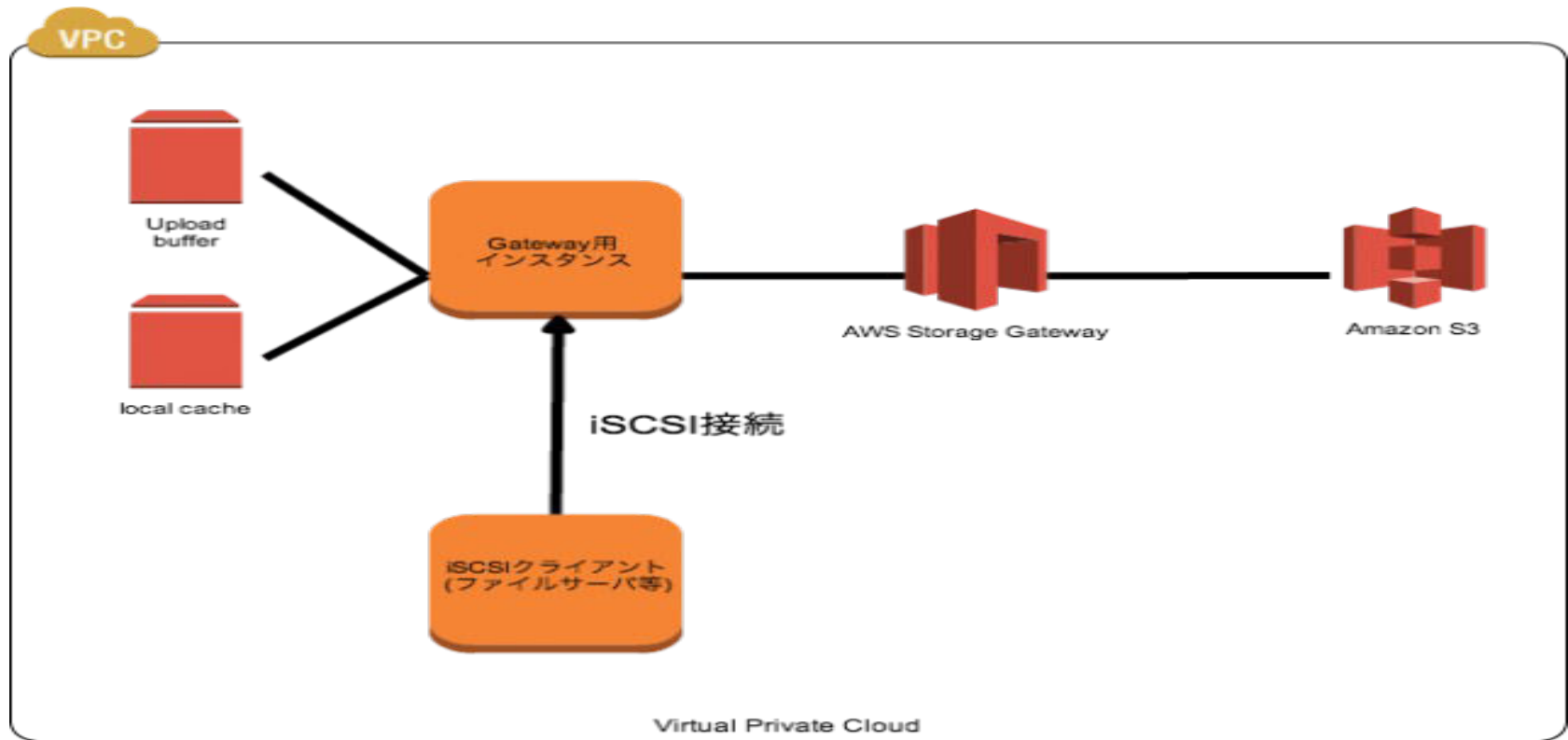
**1)S3(simple,service,storage):**It is used to store and retrieve any amount of data at any time and anywhere .S3 stores data as objects and objects are stored in folders and folders in buckets

**2)Glacier:**It is used to zip huge amount of data in to a file.



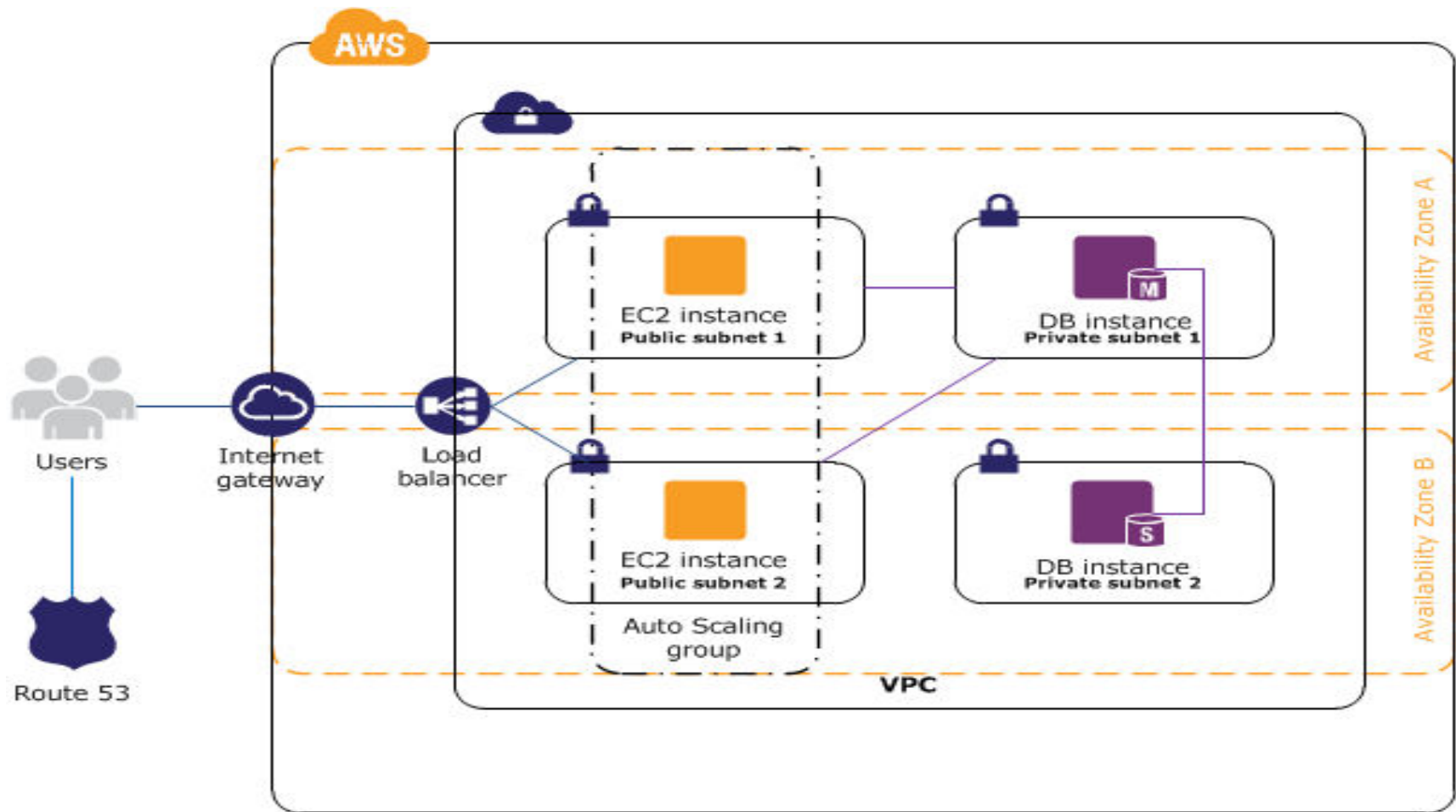
**3) Import and Export:** Used to import and export large files.

**4) Storage gateway:** It is used to import data, files etc from on-premises to cloud





# EXAMPLE



# Thank You

## ANY QUERIES