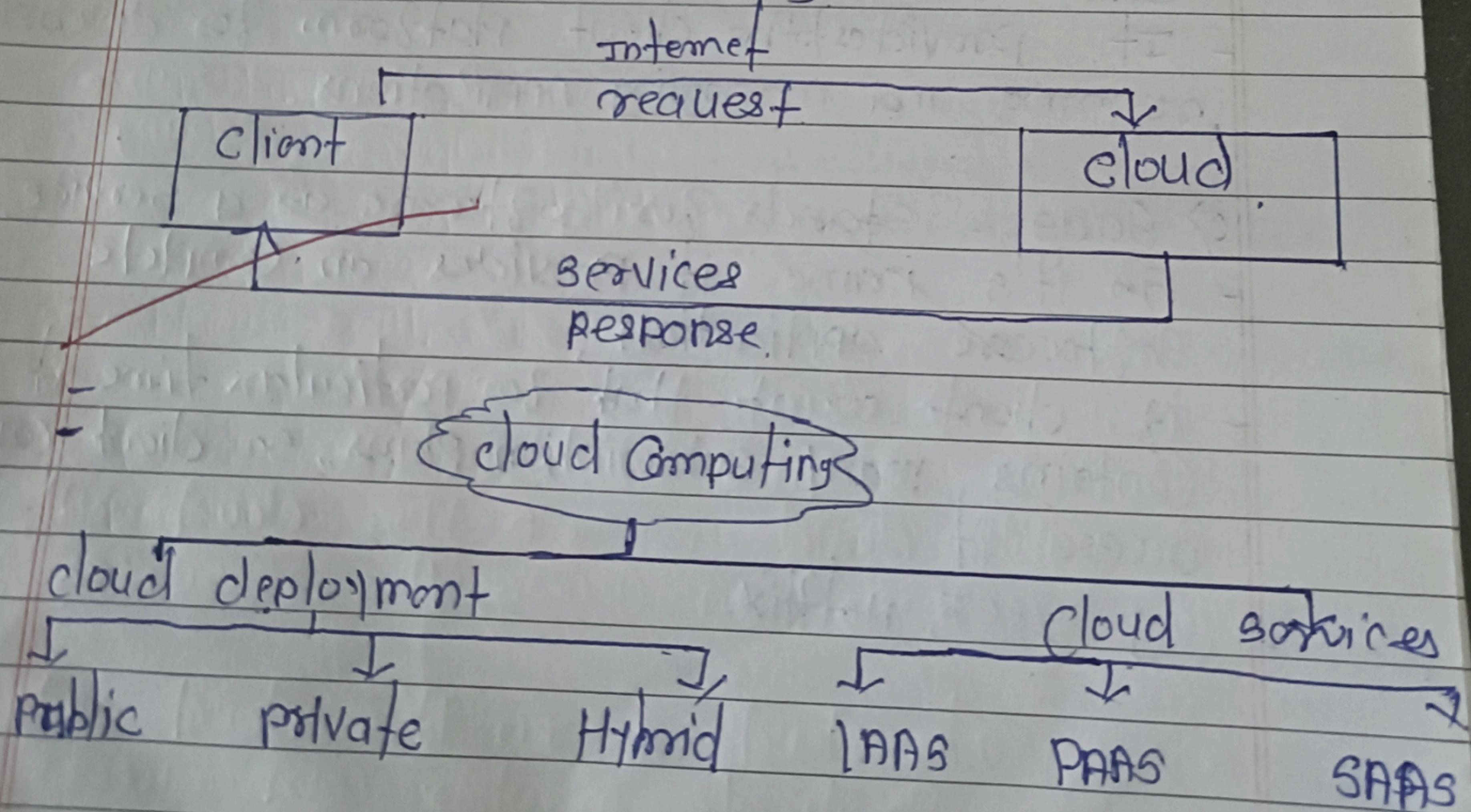


- Q. Explain the term cloud Computing with neat diagram
- Q. State 3 major cloud service models
 A> Software As a Service (SaaS) B> Infrastructure As a service (IAAS) C> Platform as a service (PaaS)
- Q. Write Architecture of CC
- Q. Explain basic characteristics of CC
- Q. Explain 3 Types of CC

Q-1-> cloud Computing is the terminology where you can access the server through internet. Client will request to the cloud through the internet and Cloud will provide that services requested by the client. This process involves in cloud Computing.



Q2 → Their 3 major services model in cloud Computing

A) IaaS :- It is an infrastructure dependent services

- It is one of cloud Computing model in this model the client can take the resources from the cloud on Rent, it means you can pay for that services and you can use that services.
- e.g servers, storage, networking from a provider
- This provide ease if client wants to access the resources that don't need to buy the physical hardware for that cloud can provide that services, wherever it is needed.

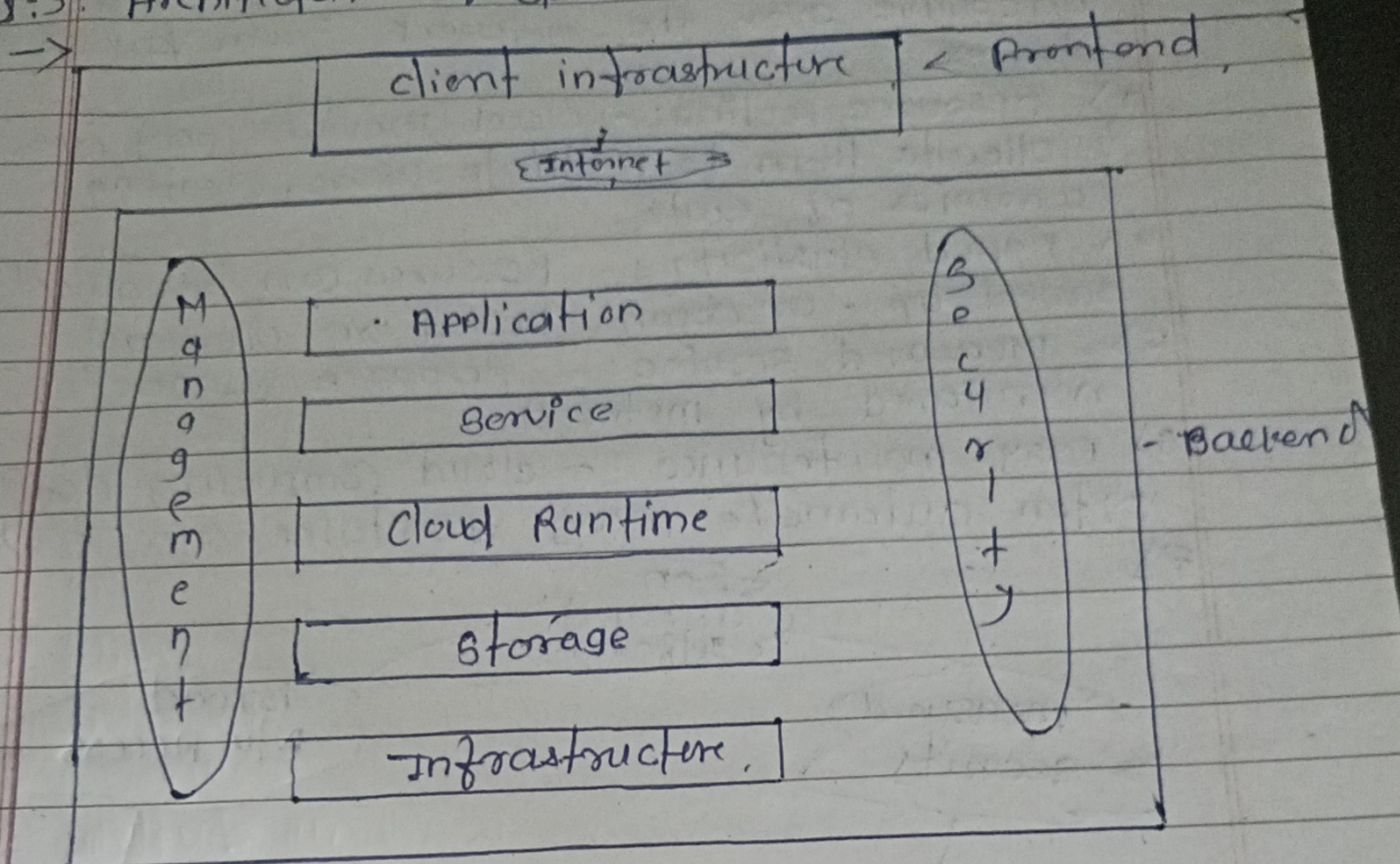
B) PaaS :- It stands for platform as a service.

- It provides to the client platform for developing, running and managing Applications.

C) SaaS :- stands for Software as a service.

- As it's name it provides, an complete Software application.
- If client want that for particular time, it contains many subscription plans, so client can access it.
- e.g Zee5, Netflix

Q:3. Architecture of cloud computing involve



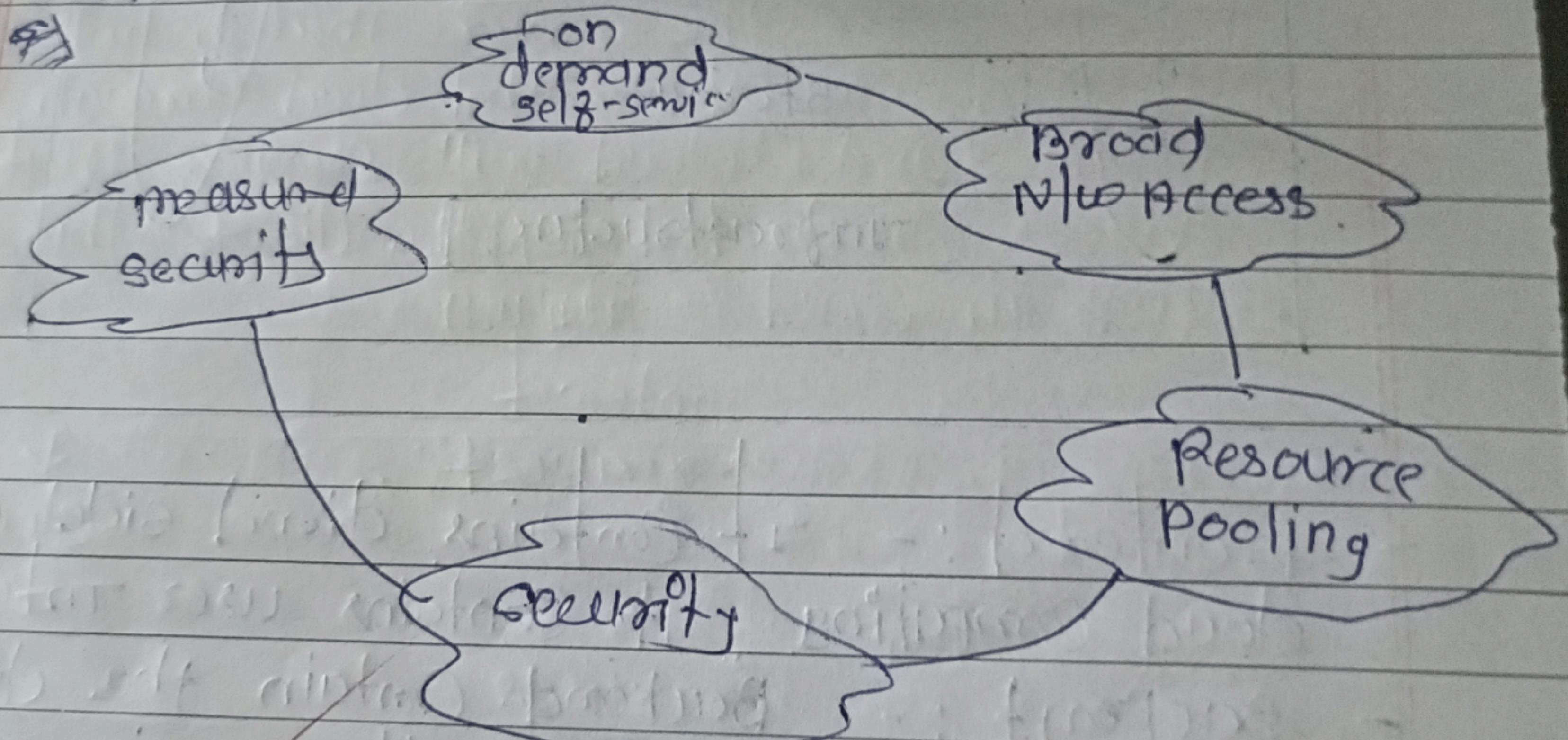
→ Frontend :- It contains client side of cloud computing, it contains user interface.

- Backend :- Backend contain the cloud itself which provides the service or request received from the frontend.

4 characteristics of cloud computing

i) on-demand self-service : - in this the client can receive the services from client whenever needed, like storage ; processing power.

- 2) Broad network access :- cloud services are accessible over the network from various devices
- 3) Resource Pooling :- cloud provides pool resources & allocate them to multiple users, creating economies of scale
- 4) Rapid elasticity :- resource can be quickly scaled up or down based on demand
- 5) Measured Service :- resource usage is monitored by metered
- 6) Easy maintenance :- cloud computing platform often automate many maintenance tasks



- Types of cloud
- Mainly 3 Types of cloud
 - 1) Public cloud :- In this cloud all, everyone can access the resources
 - 2) Private cloud :- In this cloud only the authenticator member can access

the cloud

- > Hybrid cloud :- this contains Half private cloud as well as public cloud
- organization collect data from public cloud and after it becomes as private
- So the mixture of both the public and private cloud.

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