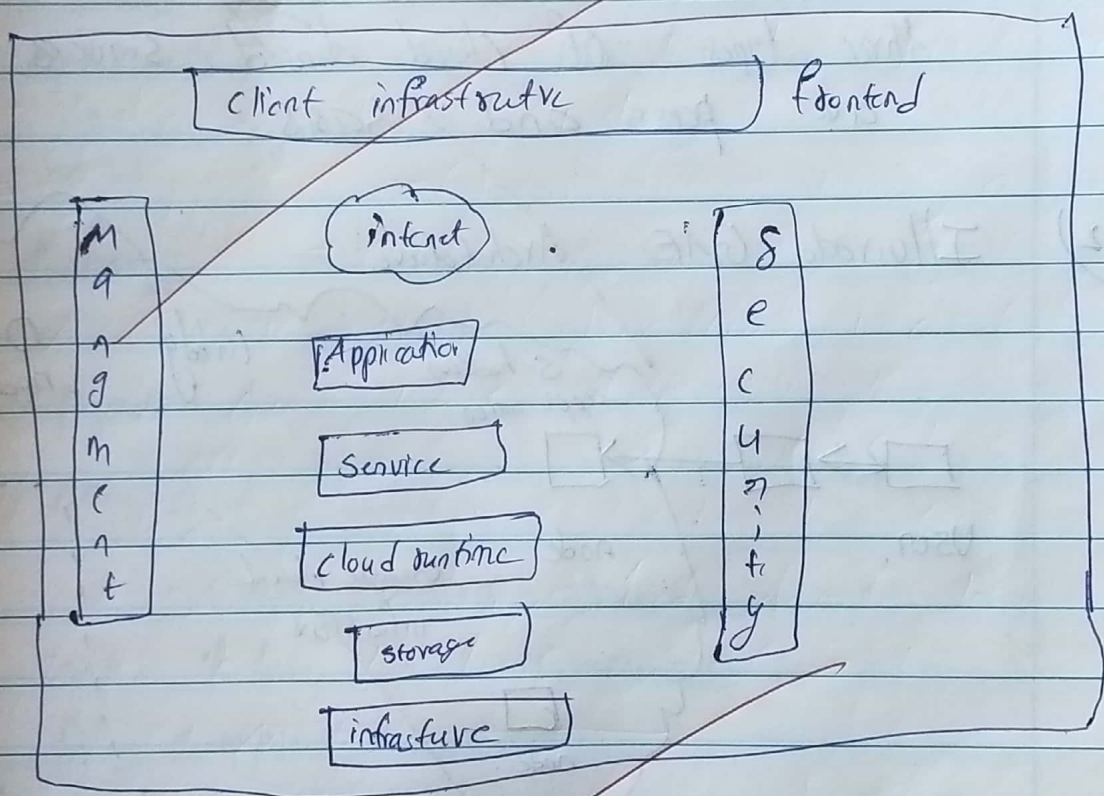


1. Write about Generic cloud Architecture?
- Ans: Architecture of cloud computing and IaaS client infrastructure application, service, runtime, storage, infrastructure, management and security all these are the components of cloud computing architecture.



Frontend:-

Frontend of the cloud infrastructure refers to the cloud side of cloud computing system.



Backend: -

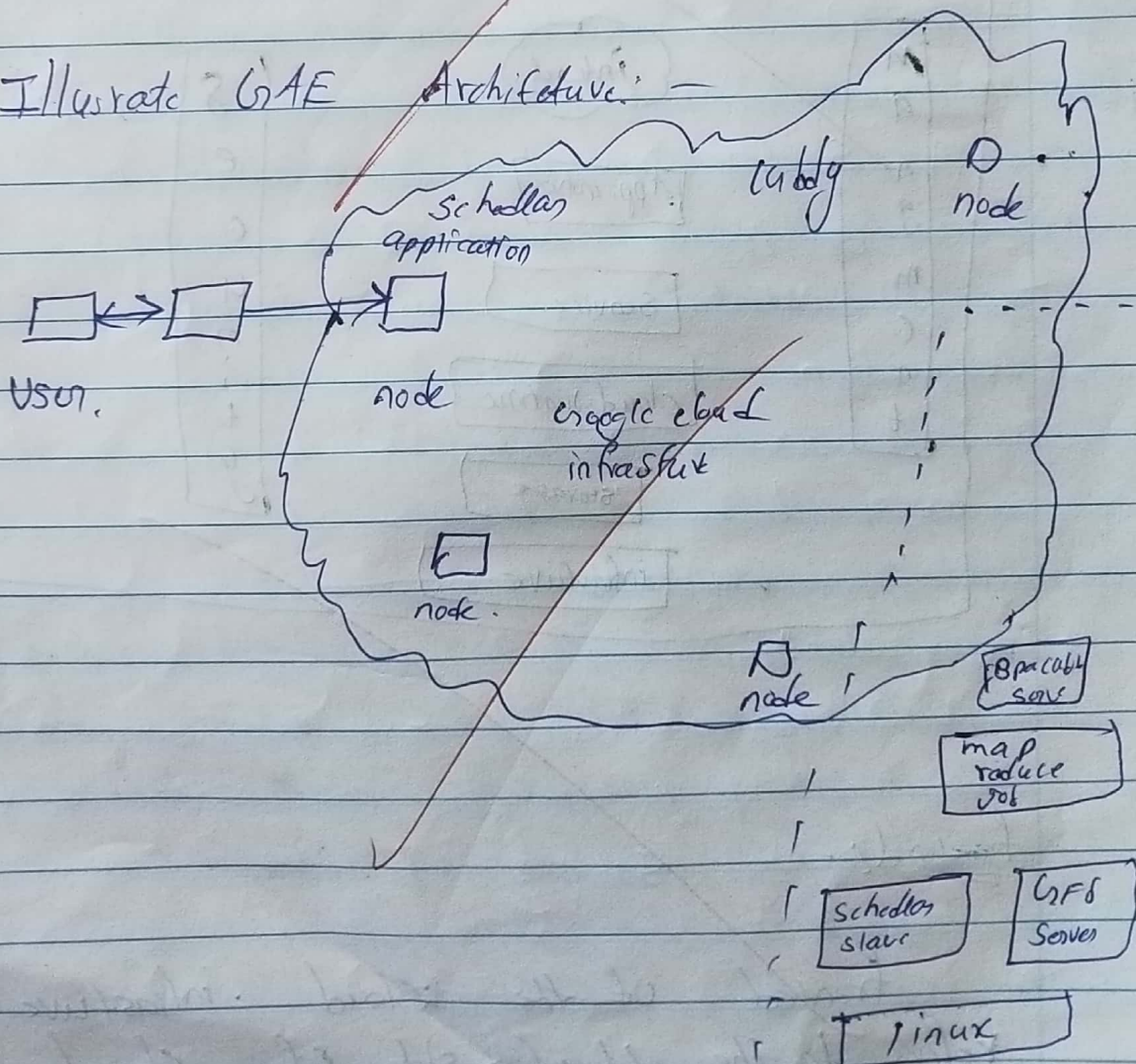
Backend refers to the cloud store which is used by the service providers

i) Application: - Application in backend refers to a software (or) platform to which client access

ii) Service: -

Service in backend refers to the major three types of cloud based services are PaaS and SaaS

2) Illustrate GAE Architecture: -



Google app engine is the typical Example of pass Google app engine is for developing and hosting web application and these process are highly scalable. The Application are designed to serve a multiple of users without decline in overall performance.

→ Third party application provider can use WAF to build cloud application in data which managed by Google engineers.

Features

- 1) Popular language
- 2) open and flexible

Custom runtime allow users to bring any library and framework to application by supplying

3. Discuss on how to create and manage Virtual machines.

- Ans
- i) ISO file in a TIS party
 - ii) loaded ISO file on VM HTTP
 - iii) Virtual machine templates
 - iv) Launching Virtual machine.



v) Virtual machine assemblies

managing virtual machines :-

- i) Create a virtual machine
- view virtual machine information
- edit a virtual machine
- Start and stop a virtual machine
- Pause a virtual machine
- Restart a virtual machine
- Resume a virtual machine
- Migrate a virtual machine

4. What is message-oriented middle-ware?

Ans)

message-oriented middleware is a software supporting sending and receiving messages between distributed systems. middle ware can be grouped into the following categories.

- Remote procedure call (RPC) Rpc based middle ware which allows procedures in one application.
- object Request Broker based middle ware which enables an application objects to be distributed and shared.

→ message oriented middleware which allows distributed applications and exchange data by something

All the models make it possible for one software component to affect the behaviour of another component over a network

They are different in that RPB and ORB based middleware create systems of tightly-coupled components while as Mon-based systems allow for a loose coupling of components

Amal