

MODELS OF CLOUD COMPUTING

1.Mr.G.SEENUVASAN, MCA, M.PHIL, NET.

**Assistant Professor, Department of Computer Applications,
SrimathSivagnanaBalayaSwamigal Tamil Arts and Science College, Mailam.**

2.I.NANDHINI,&3. M.VIDYA,

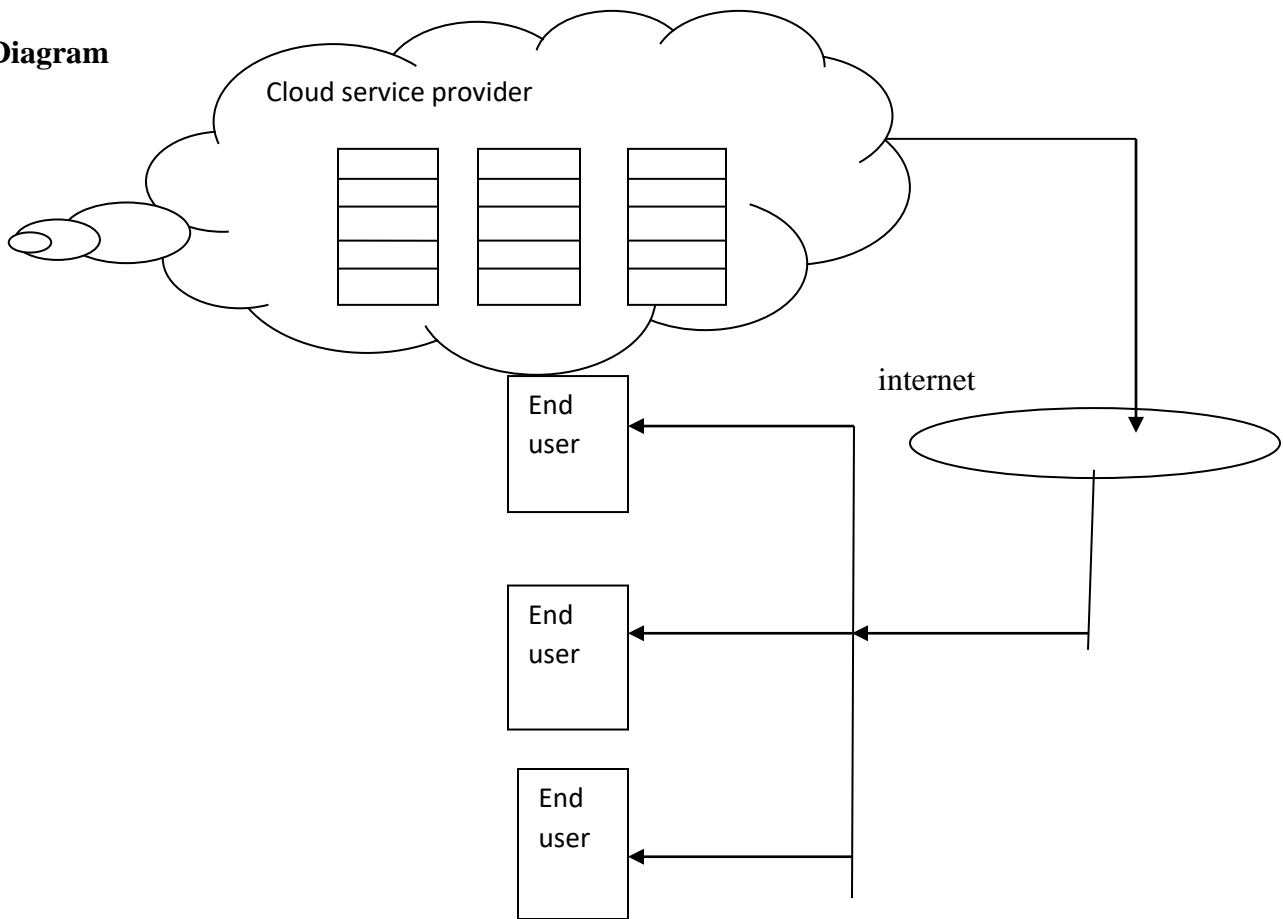
**III BCA, Department of Computer Applications,
SrimathSivagnanaBalayaSwamigal Tamil Arts and Science College, Mailam.**

ABSTRACT

In this Article we discussed about cloud storage. How the cloud can be classified an also what is main work to do this. Cloud specified three services are as IAAS, PAAS, SAAS. We should do explain, how they can be implemented cloud computing is a trending concept in the computer technology so we should give a brief explain its pros,cons and features.It also specifies who can be provide that services and how should so that services. There are manyservice providers are available three because this business creates more profit for both service provider and who are used that services, we consumer. The cloud computing helps the developers because they providers the environment to do the developer to create different languages in different software tools. Cloud computing is a virtual storage that is secured for the users. The main goal for cloud computing is to be implemented in traditional supercomputing and high-performance computing power.

INTRODUCTION

Cloud computing is a virtualize storage, which processes for providing different services such as CPU, RAM,software,hardware storage capacity extra. It provides service through the only. Example: G-mail. Cloud computing refers to processing, constructing and delivery the hardware and software resources remotely. It also provided developers to create, construct, maintained the software, that the developed software can the introduced their websites.Cloud computing are increased the storage capacity and running programs.

Diagram**CLOUD SERVICE**

A cloud services can be defined as the predetermine functions resources provider by cloud service provider. Cloud service is classified in three various models, such as follows:

MODELS

- ✓ Infrastructure as a service
- ✓ Platform as a service
- ✓ Software as service

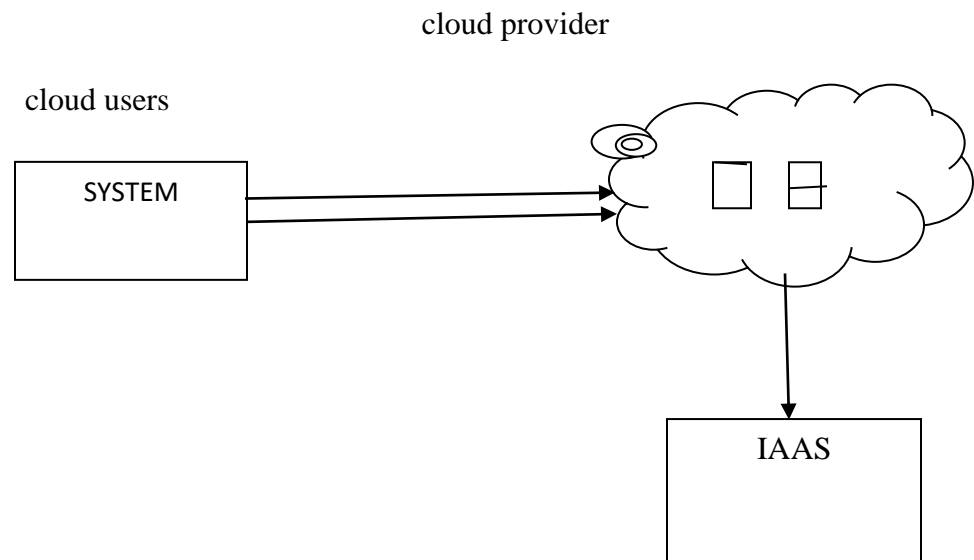
INFRASTRUCTURE AS A SERVICE

- ❖ *The infrastructure as a service is a basic model in the cloud computing. It provides virtualized environment through the internet.*
- ❖ *It also useful for both small scale and large scale business people.*

ADVANTAGES

- ❖ High security.
- ❖ Low cost.
- ❖ It provides both business people
- ❖ It provides high data storage.

DIAGRAM

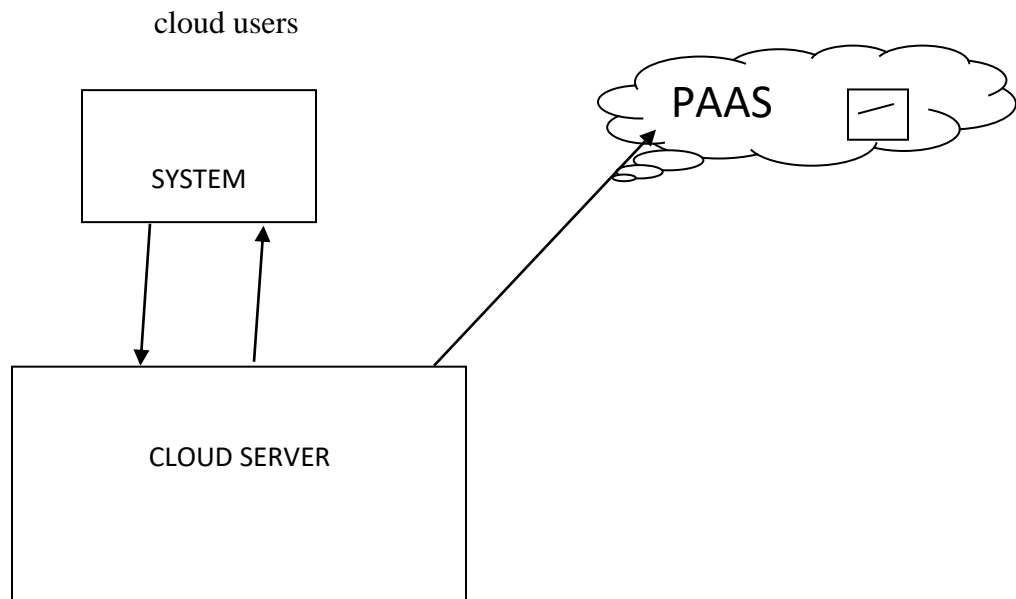


PLATFORM AS A SERVICE

- ❖ Platform as a services provider the environment for developers to developed the software.
- ❖ In the platform as a service also updated and new features are included every minute. It supports platform observed application.

ADVANTAGES

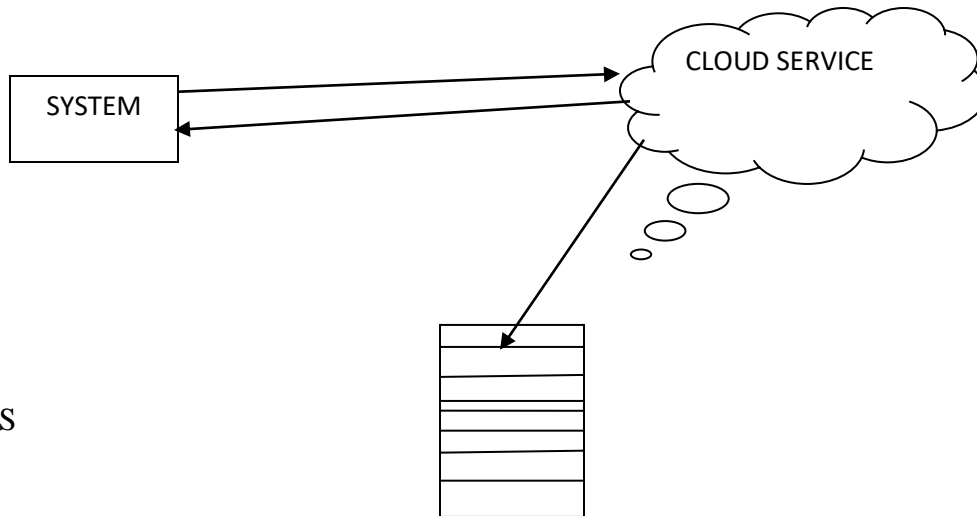
- ❖ Reduce time management.
- ❖ It provides development tools and services.
- ❖ It also updated the services efficient.

DIAGRAM**SOFTWARE AS A SERVICE**

- ❖ *The SAAS is a pre-defined software, is used to provide to installed on the server.*
- ❖ *Software as a service is compatible for internet enabled device. It also include they do their task such as planning, maintain and accounting are performance using SAAS.*

ADVANTAGES

- ❖ Pay as you go.
- ❖ Workforce easily.
- ❖ Efficient.
- ❖ Scalability.

DIAGRAM

SAAS

CLOUD CHARACTERISTICS**ON DEMAND USAGE**

A cloud is ultimately access cloud based Infrastructure resources are gives the cloud services freedom to self-service these IT resources. Once the self-service IT resource can be started to usages are raise automatically, no the human is doesn't allow the cloud providers. Also known as "OnDemand usage".This characteristicexplains the cloud storage usage.

OMNIPRESENT

Omnipresent access is also explaining their ability for the cloud services accessible. IT also supports the frequency for the devices, protocols for sending and receiving data. Interfaces a d security and also it could be specifying to control the cloud service architecture to explored the cloud service consumers.

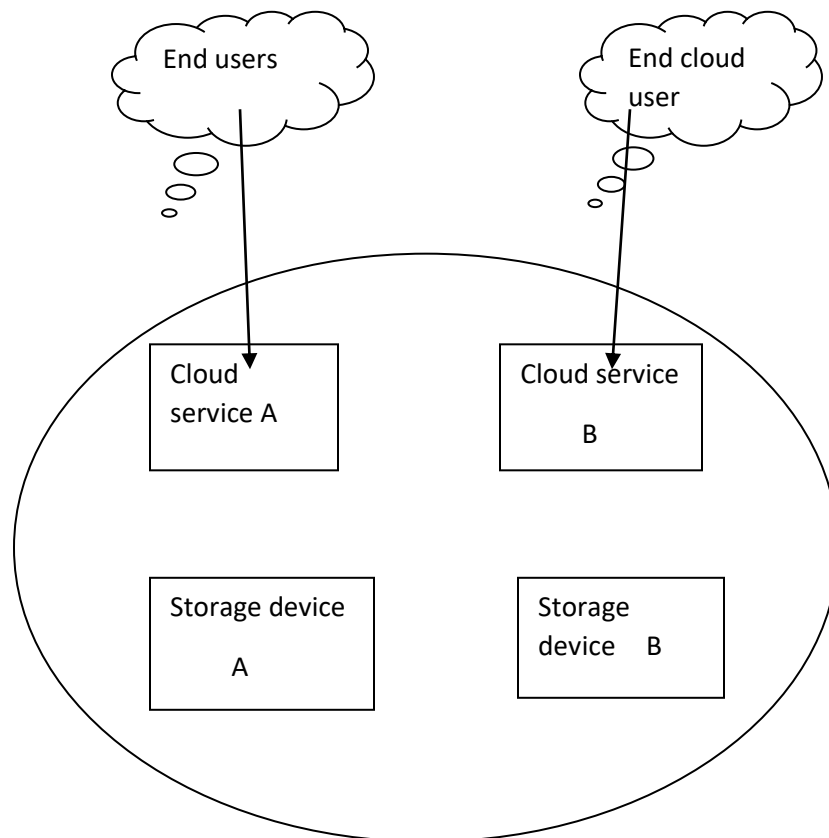
MULTIUSER

This is the one of the main characteristics in cloud. It also refers the different cloud service consumer are used to access various resources that will be provided by the cloud service providers is build called multiuser. Tenants mean “who can be accessed the cloud services through the internet” single users and multi-users.

SINGLE USER

Single tenants environment, each cloud service provider is allocated the different storage space by the consumer.

DIAGRAM



MULTI-USER

Multi-tenants environment, the cloud provider specifies same storage space by the consumer.

FLEXIBILITY

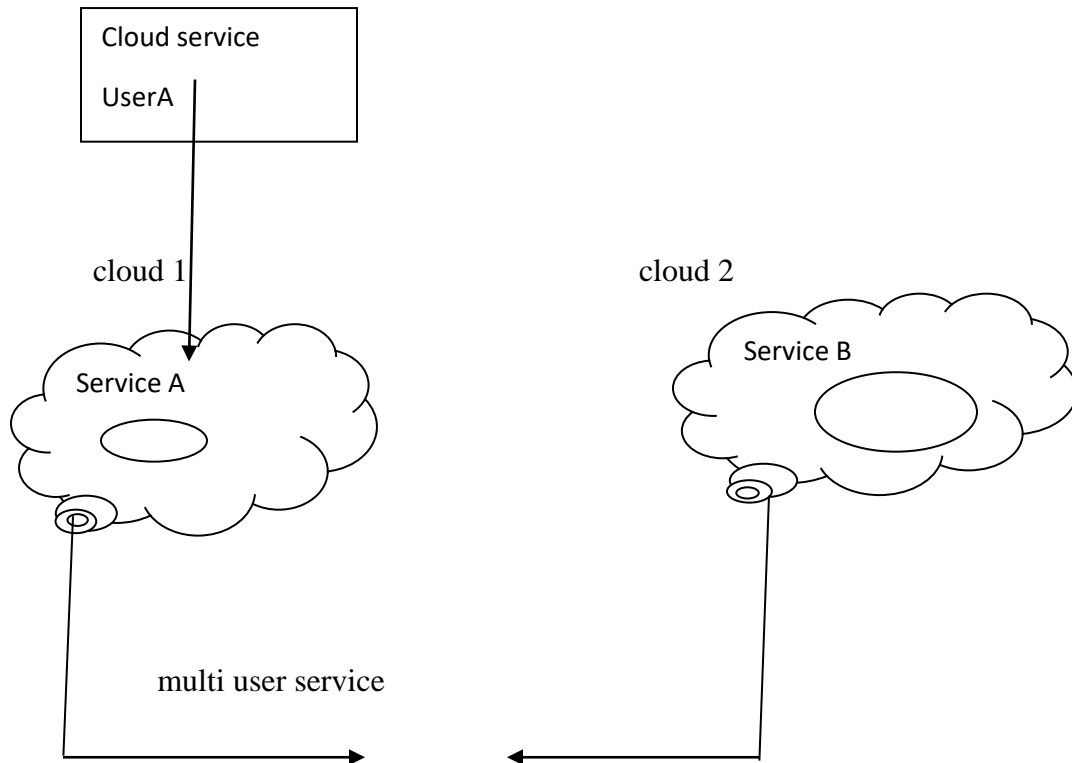
Flexibility defines they provide the most capability and the services should be transfer the scale IT resources and it can be gives immediate response for running and also the already existing

programs for the cloud providers. It is a one of the advantages in cloud services providers and the consumers.

PLIABILITY

The cloud computing, characteristic of pliability is used to transfer the redundant resources in one physical location to another physical location, so that means one IT resources can be accessed the different cloud so consumers. It also increases the scalability and availability of their resources. There is the one service can be implemented in different places are also easily accessible.

DIAGRAM



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