PRESENTATION ON
CLOUD COMPUTING

Submitted By

Uni Roll Num: 1900290140021

Name: Niranjan Darshan

Semester: VI th

Section: A
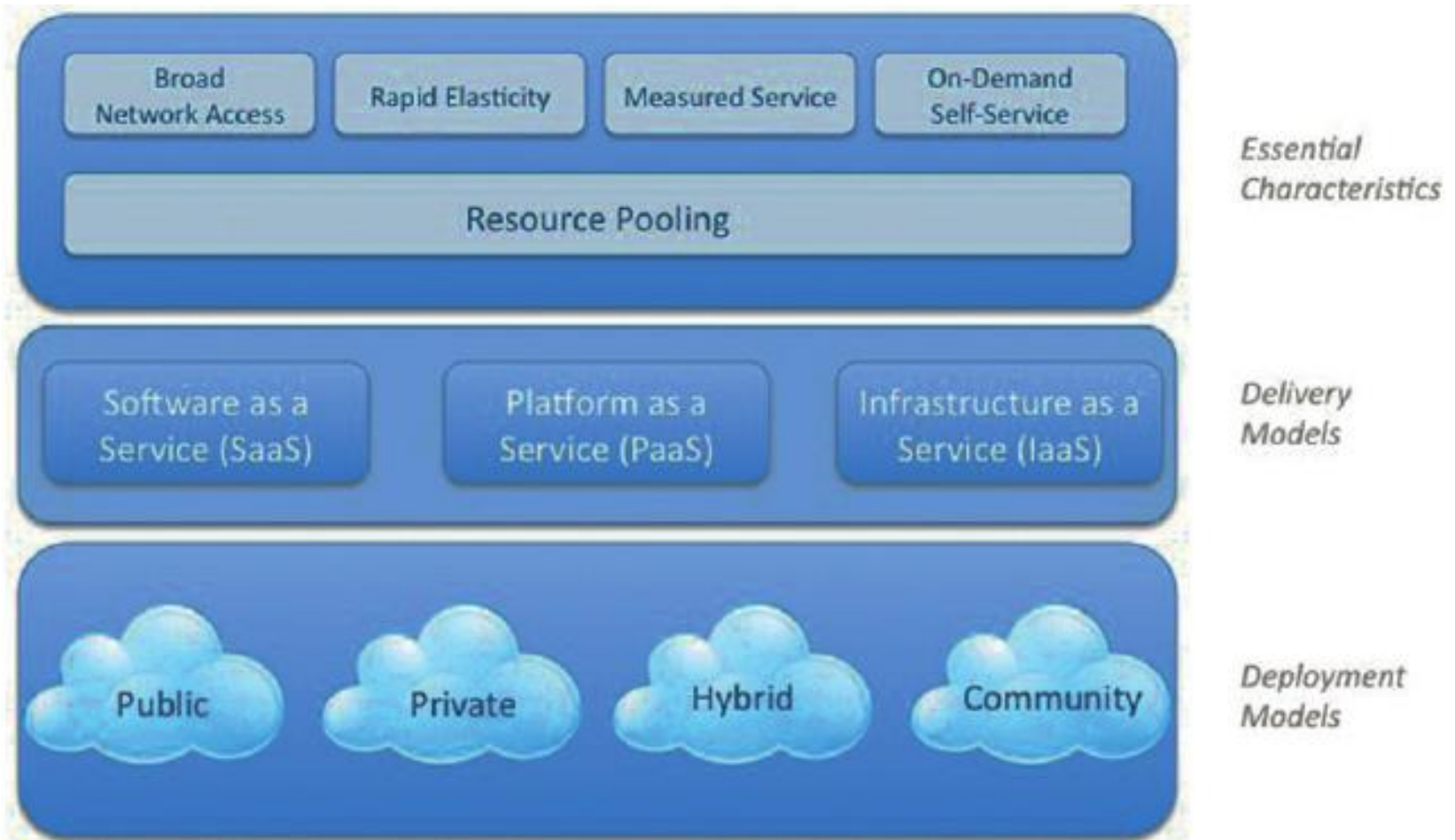
Date: 05- Feb -2022

Contents

1. <u>Introduction</u>

❖**Cloud computing is the delivery of   different services through the Internet, including data storage, servers, databases, networking, and software.**

❖**Cloud-based storage makes it possible to save files to a remote database and retrieve them on demand.**

2. Working Models

Broad Network Access · Rapid Elasticity · Measured Service · On-Demand Self-Service · Resource Pooling — Essential Characteristics

Software as a Service (SaaS) · Platform as a Service (PaaS) · Infrastructure as a Service (IaaS) — Delivery Models

Public · Private · Hybrid · Community — Deployment Models

2.1 <u>Service Models</u>

IaaS is also known as **Hardware as a Service (HaaS)**. It is a computing infrastructure managed over the internet.

PaaS cloud computing platform is created for the programmer to develop, test, run, and manage the applications.

SaaS is also known as "**on-demand software**". It is a software in which the applications are hosted by a cloud service provider. Users can access these applications with the help of internet connection and web browser.

2.2 Deployment Models

✓ The **public cloud** allows systems and services to be easily accessible to the general public.

✓ The **private cloud** allows systems and services to be accessible within an organization. It is more secured because of its private nature.

✓ The **community cloud** allows systems and services to be accessible by a group of organizations.

✓ The **hybrid cloud** is a mixture of public and private cloud where critical activities are done in Private cloud and non critical using public cloud.

3. Applications

4. __Conclusion__

➢ Cloud computing is **the latest technology** that promises immense benefits however there is lot of research which is **still required in this area as many of the concerns related to security and privacy issues are not been answered by the experts and remains open.**

➢There are other challenges the cloud computing must overcome. **Microsoft, Google, Cisco, IBM** in this area and the day is not far when the cloud will widespread adopted and all the **security and privacy** issues will be handled.

Thank You!