What is Cloud?

- Cloud Computing is a general term used to describe a new class of network based computing that takes place over the Internet.

- A collection/group of integrated and networked hardware, software and Internet infrastructure (called a platform).

- Using the Internet for communication and transport provides hardware, software and networking services to clients.

- These platforms hide the complexity and details of the underlying infrastructure from users and applications by providing very simple graphical interface or API (Applications Programming Interface).
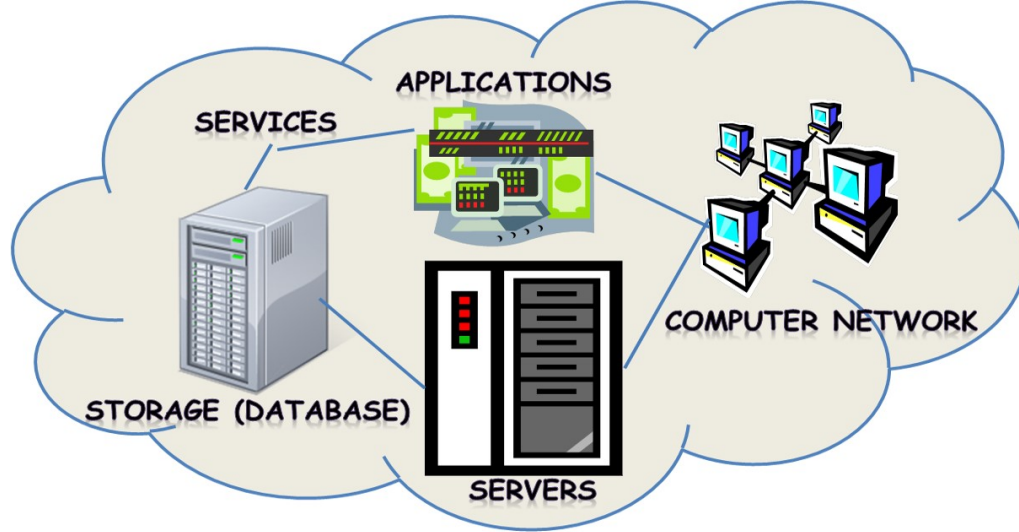
- Shared pool of configurable computing resources.

- On-demand network access.

- Provisioned by the Service Provider.

What is Cloud?

- In addition, the platform provides on demand services, that are always on, anywhere, anytime and any place.

- Pay for use and as needed, elastic scale up and down in capacity and functionalities.

- The hardware and software services are available to general public, enterprises, corporations and businesses markets.
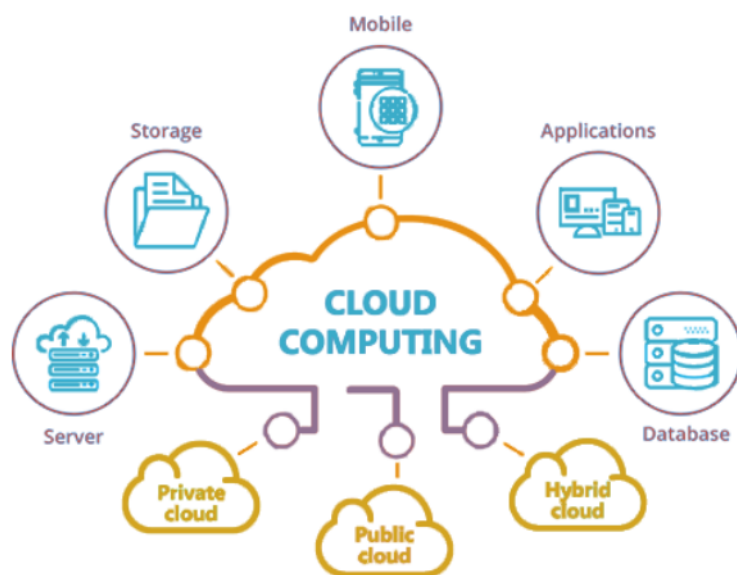
- Cloud computing is an umbrella term used to refer to Internet based development and services.

- A number of characteristics define cloud data, applications services and infrastructure:

1. Remotely hosted: Services or data are hosted on remote infrastructure.

2. Ubiquitous: Services or data are available from anywhere.

3. Commoditized: The result is a utility computing model similar to traditional that of traditional utilities.

What is Cloud Computing? An Introduction