Essential characteristics of Cloud Computing

1.On-demand self-service:

Cloud computing provides services on the demand of consumers as it provides different provisions to customers to expand or contract their services anytime whenever they want. This process also does not require any human interaction

2.Ubiquitous network Access: Anywhere, Any time, Any Device: Users can access the cloud computing services anytime on any of the device either on the mobile phones, computers, laptops, tablets etc. its services also does not depend upon the location as users can utilize the services anywhere they want to access.

3.Location independent Resource Pooling; consumers can share their resources with other clients by using pooling system with the help of multi-tenant model, while making projects as they can combine the work of other of the clients which makes their work easy to store at a single point.

Examples of these type of resources includes the things like storage, processing, memory and network.

4.Rapid Elasticity: Capability of clouds can be easily managed as it is very elastic to scale inward or outwards as per the demand of the customers. The capabilities appears to be unlimited for provisioning appears like unlimited.

5.Pay as you go: Cloud computing works on the principle pay as you are using the services. As it shows that it have reached the storage limit then it asks to increase the storage limit by adding m money or increase the capability of storage by taking some another plan.