

* CLOUD ECOSYSTEM :

- Cloud Ecosystem is a complex system of interdependent components comprising of h/w, s/w, customers, cloud engineers, consultants.
- Relationship betⁿ a cloud service & the artefacts that can be developed on the basis of & within the boundaries of an ecosystem.
- Taking any service to potential market needs huge budget allocation and then needs to be appropriately chargeback & metering mechanism to support the business model.
- Because of unpredictable scenarios, it is difficult for developers to understand the need to make it as flexible as possible.
- Once the service provider launches the services, it is the exercise of illustrating all the requirements of its functional & non-functional relationships.
- Once the ecosystem is developed, there is limited scope for changes as most of the components on top layers are frozen. This helps in providing stability, strict guidelines for the ecosystem & lays down the principles for using the services to reduce overall cost of the system.
- It is very important to first visualize the relationship between the business & the technical understanding & then develop the artefacts.
- Most of the time, cloud service is termed as a service product. The org^s can utilize just not one solution, but can use multiple solutions depending on business needs. The appl^s needs and cloud ~~ap~~ requirements help in selecting proper cloud environments.

** Diagram Cloud ecosystem (text book)

- Cloud-based environments come handy when used to develop, test and run your applⁿ for foll^g reasons:

- 1) Easy availability in your own private cloud environment or on the public cloud.
 - 2) Rapid access to configurable development & test to speed time to market.
 - 3) A self-service portal for multi-tenancy, provisioning and workload mgmt.
 - 4) Pay-as-you-go pricing
 - 5) Security with compliance & regulations to protect the environment.
 - 6) A rich service catalog with images
 - 7) Faster provisioning to reduce the cycle time.
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★ ★ Cloud Business Process Mgmt :

- Business Process mgmt is a tool or a s/w that helps businesses to manage, automate recurring business task.
- It looks after business process across the orgⁿ which may be cross-functional & customer focused.
- BPM is implemented based on the core business objectives and deploys resources across the orgⁿ to create customer-centric values.
- Integrates all core functions such as supply chain & product development in an integrated way even if the lines of businesses are different.
- BPM helps to improve the value of the orgⁿ for market sustenance continuously.
- It aligns operations, IT and orgⁿ.