

Benefit:-

- ① Security
- ② Infra. App.

Dis:-

- ① Cost.
- ② Natural Disaster.

- ① Location
- ② Electricity, etc
- ③ Disc, Memory, etc
- ④ Physical Security
- ⑤ Team 24x7

- ③ Maintenance.

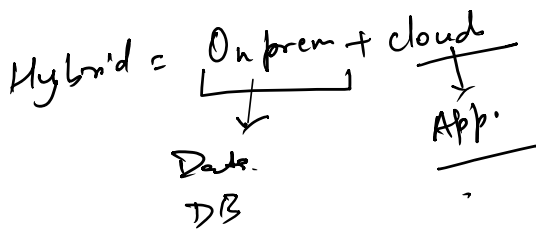
cloud:-

Pros:-

- ① Maintenance
- ② Pay-as-you-go.
- ③ Availability.
- ④ Data backup.
- ⑤ Faster Deployment
- ⑥ Scalability.

Cons:-

- ① shared resource.
- ② Security risk.



IaaS

Infra. as a Service

Ex:-

EC2, VM, GCP

(SaaS)

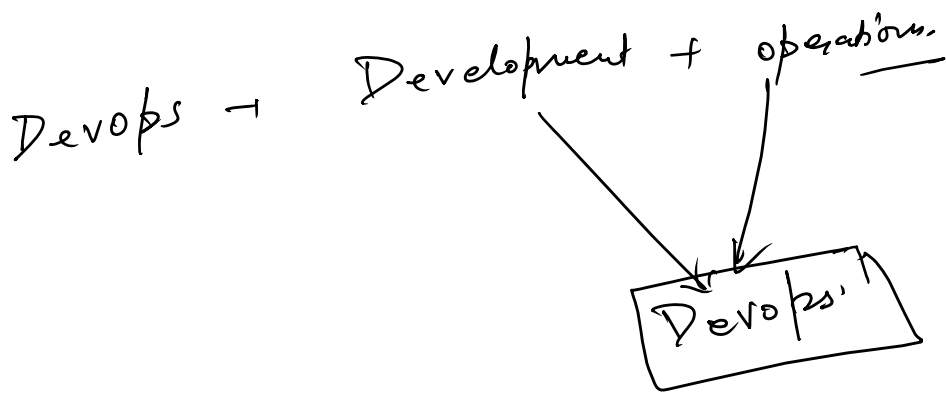
Software as a Service

Ex - ServiceNow, Instagram, FB etc.

PaaS

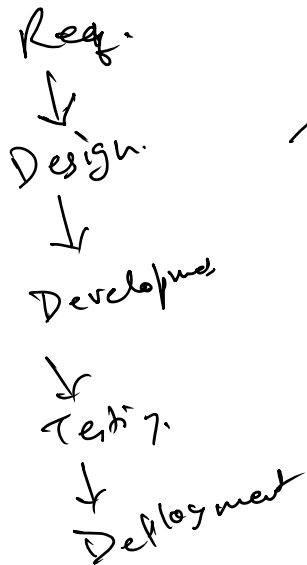
Platform as a Service.

Ex:- Azure function, AWS Lambda function.

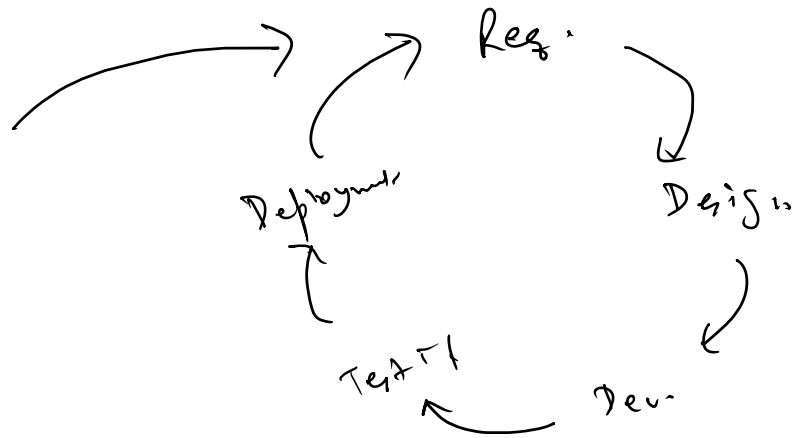


S/W Lifecycle

Waterfall

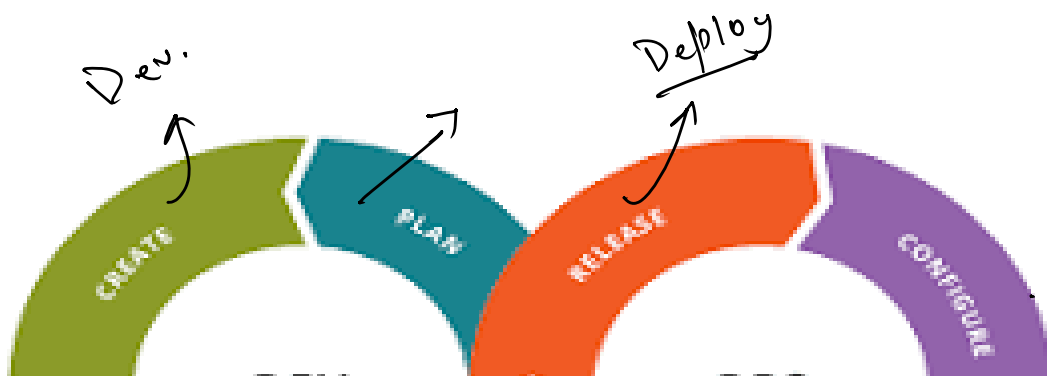


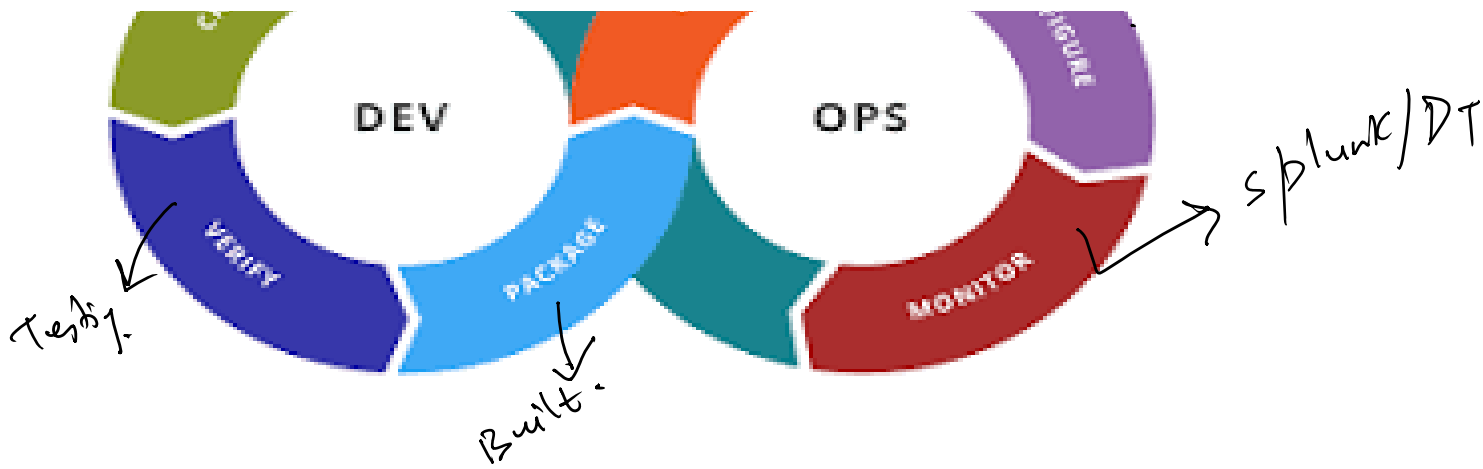
Agile



Iteration :- 3-4 month - Scope of work.

Sprint :- 2 week to 4 weeks.





Epic → Superset
 ↳ Issue → subset

Backlog item:-
 | Sprint = 2 week

18th → Sprint started
 24th → Backlog item
 (New work, we are planning for next sprint)

Score - [0-5]

User story = 16 hours.

1d = 5 hours

3 - 3 day

2

1 - 1-2
 2 - 3
 3 - 4
 5 - 5

1-1
 2-2
 3-3
 4-4
 5-5

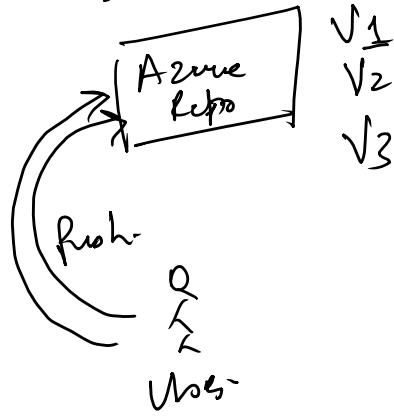
Charts → Burn up → Work has been completed.
 → Burndown → Remaining item is pending.

manage

Version control setup to store the code.

Repos:-
 ↓
Azure Repos

github
 Innersource.



Azure Repo → GIT
 Azure Repo → TFVC (Team foundation control version)

