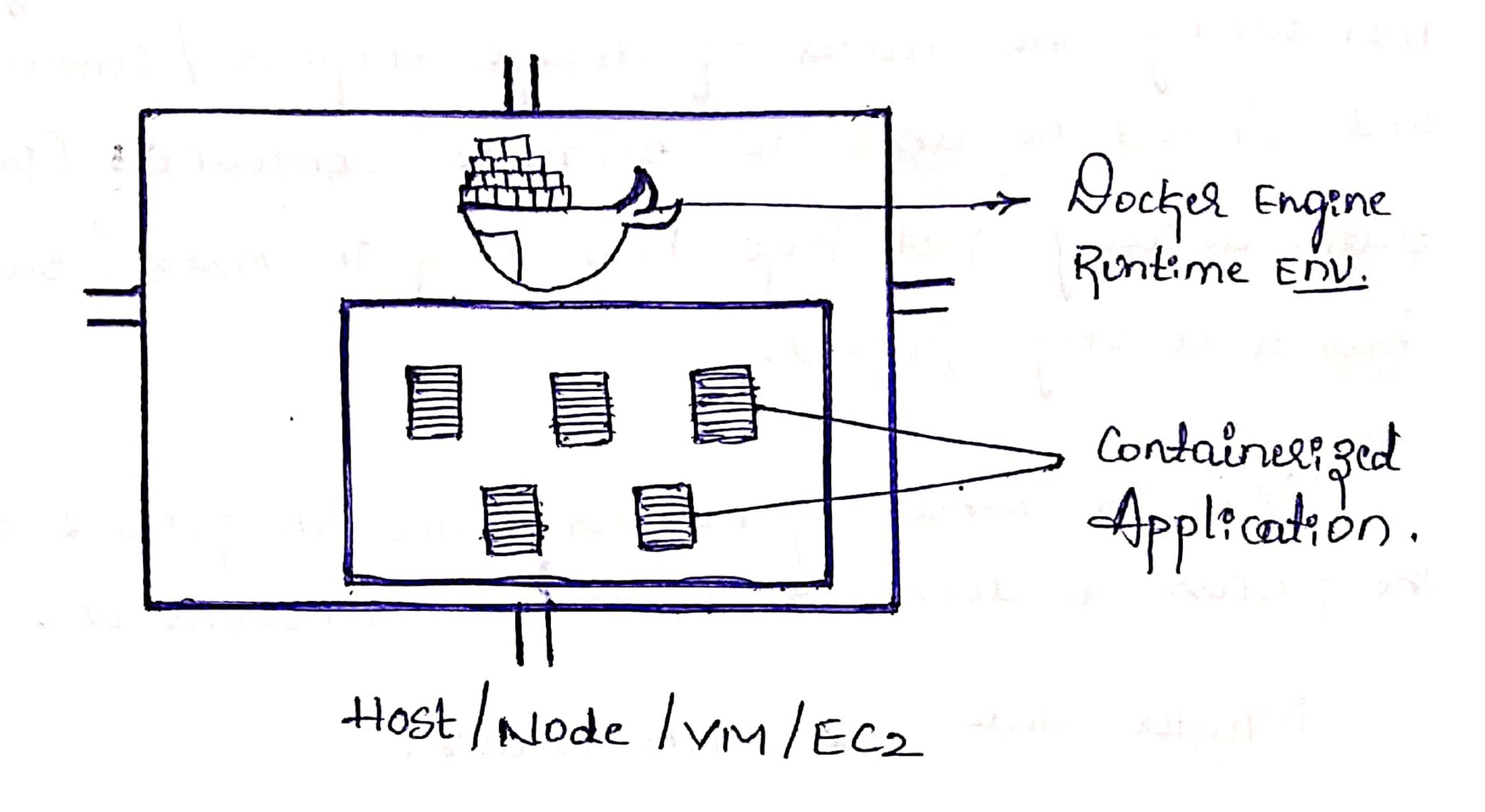
KUBERNETES

Day -1

q. What 98 kubelnetes.

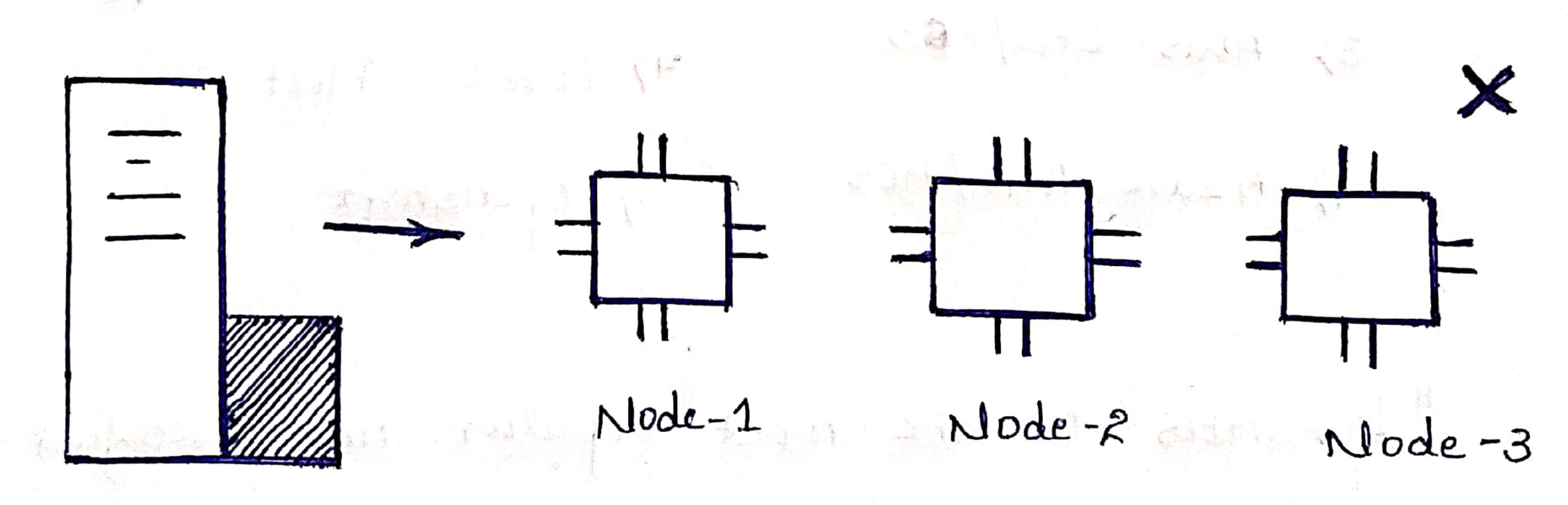
Docker vs K85:-



-> What of Node / Dockee Engene fails?

* Dur application went down, Not accessable.

* To avoid this we can do clustering.



Master Node.

(Node 3 Went down)

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* Now application is accessible with decreased capacity.

What of we have bogh incoming request then?

* These may be high chances of clusters fails.

Solution: - De Should have Someone who is always monstoring the cluster of docker engines / containers and Should be able to recreate Containers (pods) automatically Just 19ke how ASG in AWS (But this has to a very faster).

Thes es Nhele kubelnetes came en picture and the process it does es container Orchestnation.

Magter Node -> Orchestrator.

Brochestration Tools:-

- 1) Docker Swarm
- 2) Kubernetes.
- 3) AWS EKS/ECS
- 4) Azure AKS/ACS

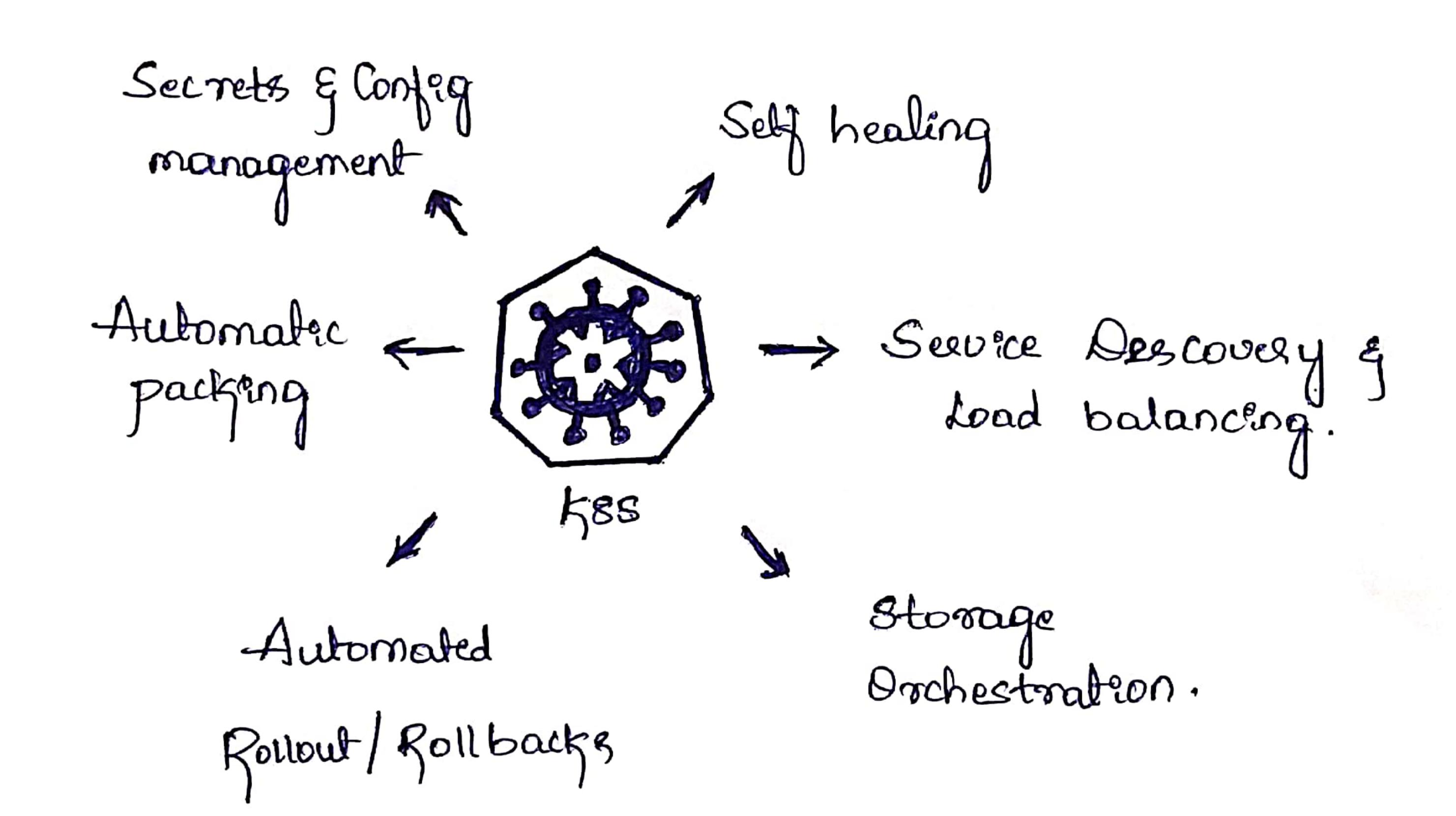
- 5) Mesosphele Marathon
- 6) Google container Engene.

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- 7) Core Os Fleet
- 8) Openshaft

"tyubernetes 98 the most popular and powerfull Orchestration tool." By thes, you notice that 1585 is not replacement for docker engines. It manages cluster of docker engines. North Lots of features loaded.

> fey Adwantages of trubelnetes:-



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