organizations have to use multiple containers to Ensure availability Load balancing

scale up and down based on user load deploying

> scheduling scaling load balancing batch execution roll backs monitoring

he have to do that Horre containor marragement tools comes into picture

Docker -> created containors

Kubernetes -> manages containers

\* | Features of kubornetes

1 Automatic bin packing -

We have 5 servers each having to GB of memory (DAM) we have a list of jobs to run on these 5 sorrow Every job has different resource (memory) requirement

Externelies will take care of packaging there jobs (containers) in bins (servers) in the most efficient was

substitute automatically packages your application and schedules the contained based on the years ments and resources available.

하늘이 있다. 한 병과적인 그녀는 생각을 다고 있다는 아이에 있다. 이내가 하였다.

Automatically placed contributes based on their versource requirements like cout Memory (RAM), while not sucrificing availability sover resources.

## @ Pods & Hodes -

containers are raped toto inside of the functional unit which is called as a pod "

pod can have single container or mutiple containers pods are howed inside nodes.

A node can have a single pod or multiple pods

When you specify a pod, you can optionally specify how much cru and memory (RAM) each container needs

When containers have resource requests specified the scheduler can make better decisions about which nodes to place pods on

Describe discovery & load balancing -

tiss doesn't run containers directly instead it wrap one or more containers into a higher-level structure called a pod

A ped contains

multiple containors)

is storage resources s

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