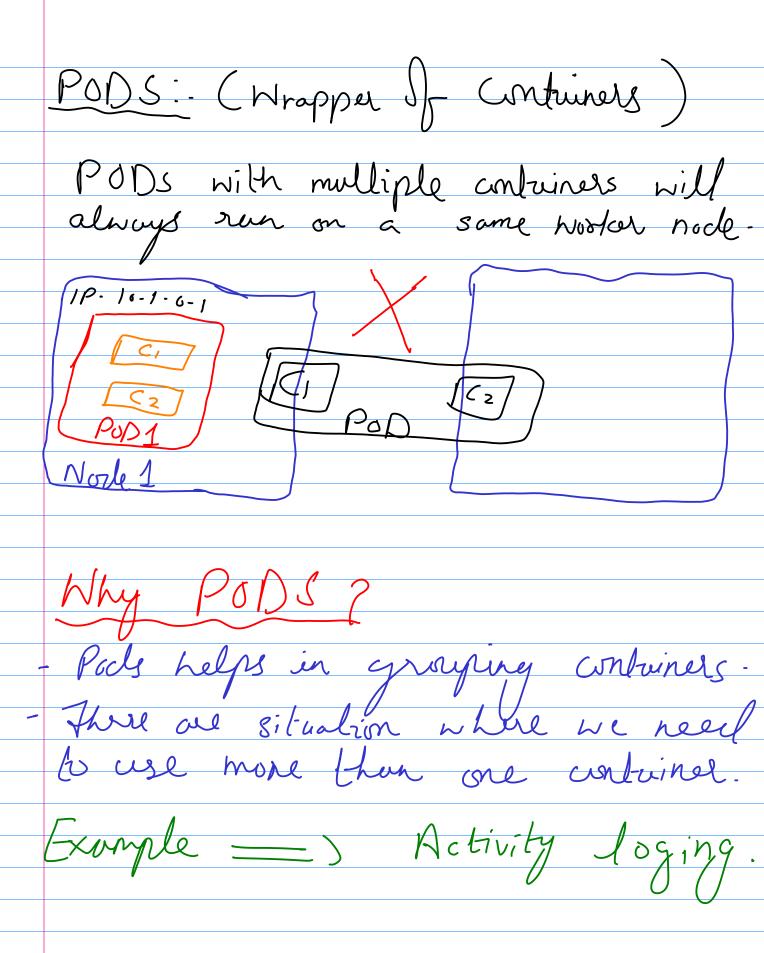
	POD:
8	Containers are not directly deployed inside node
8	The container are encopsulated inside objects called pods.
A	Single Instance of an application (POD)
b	Smallest Object in Kuberneles
	Kubernety Cluster
	Node 1 Node 2
	POP1 POP2 POP2 Confined Continued Co

When pursu of users increases we need to scale up an application POD1 POD2 POD3
Continu
1 Continu
2 NODE He can deploy hen pad on an additional claster when load increases & the copacity of La son multiple poos. Most-of the time => there is a 1-1 relationship b/n pcd Eq Centrinel



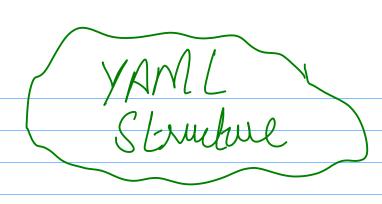
Contrin Port A

Contin Port-B => Port Numbers con nut- Se same 1D- 1-0-0-1 But we can assign some part-humber of untainer in another POD. Nulli-bier Apps into Single POD - Should we run multi-live apps in a single pod. - Yes, but its not a right-nuy For Gronple: We have bus - Nude Cluster-Single POD = > Moltiple-Continuery It will run on a single worker Nucle.

- A single worker norte will be utilized.

- We are not taking advantages

& computational resources. Resoule Wastage. Deploy your Application on Muliple PODS. Kubareles = YAML For creating pady resourcy we need a Yaml configuration file He have to send YAML contiguration file to loubernet-es APT SEXVEL.



This refers to the API which is being used Lox creating Kys object.

Type of Resources

Kind:

3 Tob

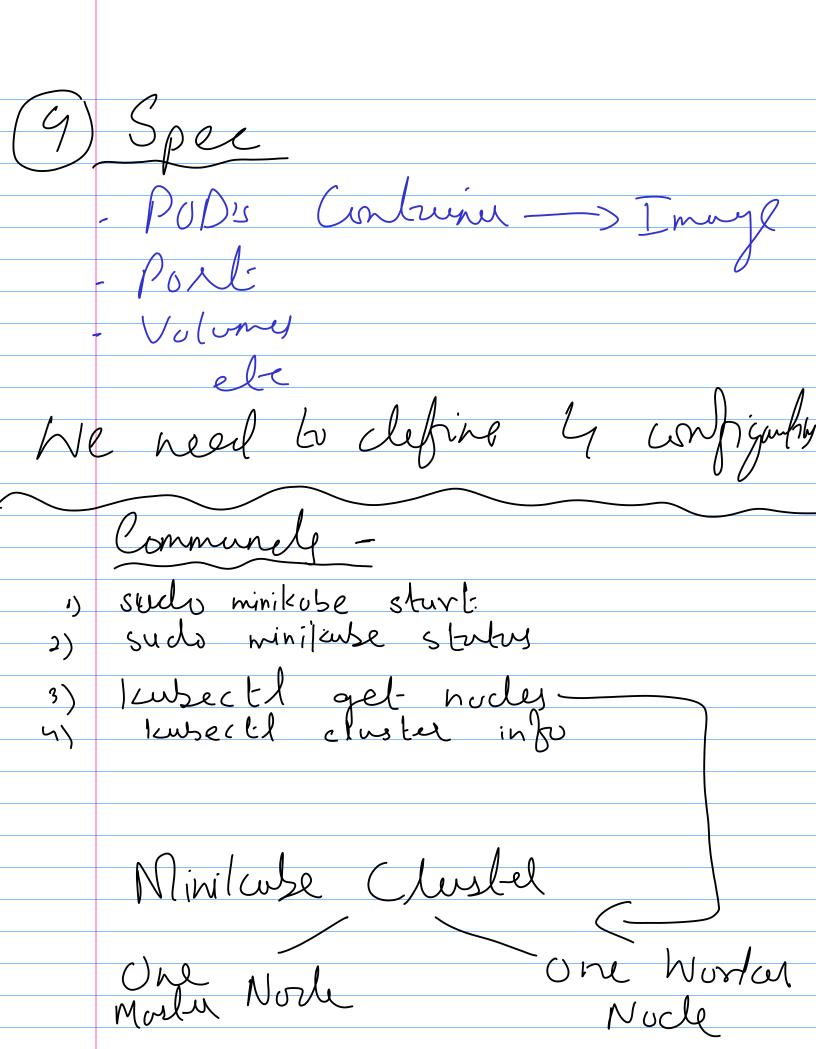
Goplogment

Metadulu

- Name

- Name

- Losels



POD Creation: POD YAML File YAML Sudo Kubeckl create - f finstpad-your Kubeckl get pods Kusectl desoise pads mypod Delvil Spees-

Acress for External User Port-Furnarding Kubeckl port-forward mypoch