Kuber net es

-) follows Client-Sorver architecture
Master Consists of
-> Kube - api server > (entral management - yeneve all Rist Reg.
> etcd-storage > store application metadata
> kube- Controller manager -> Runs controller process in ba
-) Cloud Controller manager 5 11 in contextuing Cloud Drovid
> Kabe-Scheduler > schedule the pods
> kube- Controller manager -> Runs controller process in bg. -> Cloud - Controller manager -> "in underlying Cloud provid >> kube- scheduler -> schedule the pods >> DNS - Server
Las with master
Node Consists of Convert state > Rubelet 7. no top of Docker
1 cov o price 1
> knbelet on top & Docker -> Kinbe-proxy
- Kinbe-Proxy
(t. 1 t.d maturxking
5 Isolated networking
and Joiwarding request
A decide to the second
Kube ct 1 -> Cli to interact with Rube-apiserver
laubeonetes objects
·

Pod -> One or more containers controlled by one application encapsulates containers.

Sorvice - hateway to request other physical pods
Deployment > desire & replica set gla pod
Rubernetes objects Control
1 carbon retros de la contra del la
Declarive Iterative
Using Yaml dile Using CLT
Escample Yaml file
apiversion: v1 kind: Pod Version deuration
metadata:
name: nginx labels:
name: nginx
name: nginx spec:
containers:
- name: nginx image: nginx
Indicales image: nginx ports: - containerPort: 80
containerPort: 80
50% vill apiVersion: v1
kind: Service
metadata:
name: my-nginx labels:
run: my-nginx
spec: ports:
- port: 80
protocol: TCP selector:
run: my-nginx

Deployment	5 NLW	ly implemented
	<pre>apiVersion: apps/v1 kind: Deployment metadata: name: my-nginx spec: selector:</pre>	
	matchLabels: run: my-nginx replicas: 2 template: metadata: labels:	ate for replicas
	run: my-nginx spec: containers: - name: my-nginx image: nginx ports: - containerPort: 80	