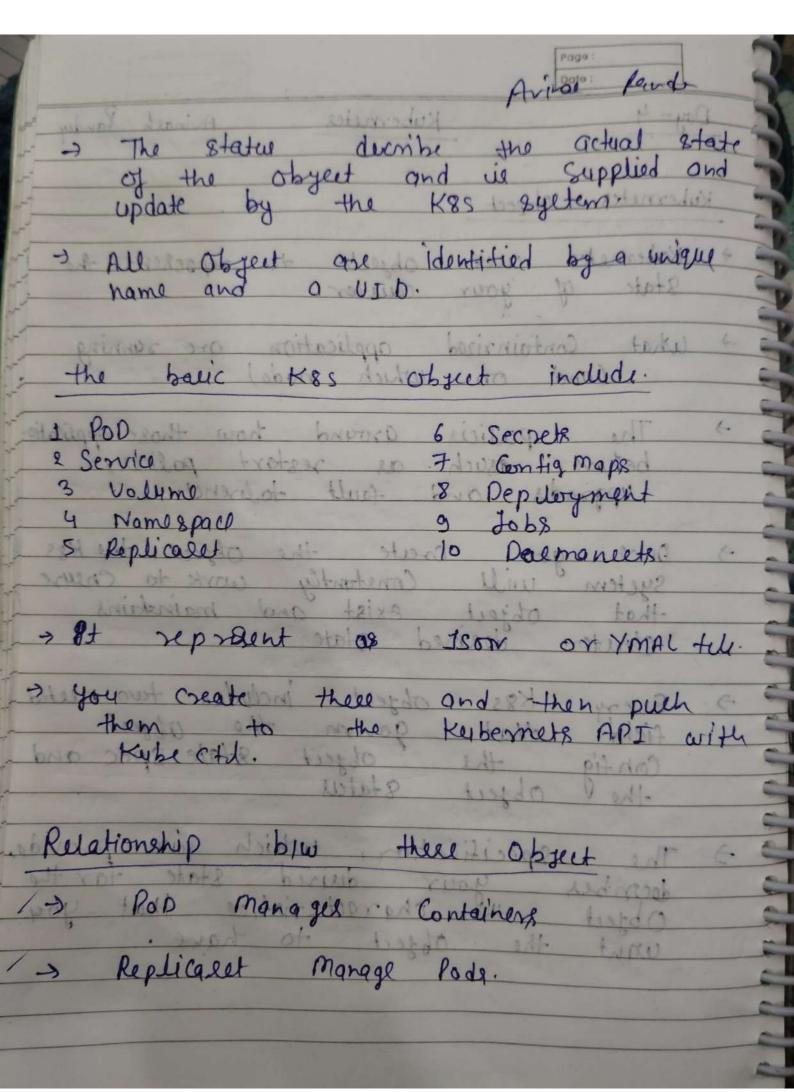
Day-4 Kubernetes Avinash Randy

Kubernetes Object + Kubernetes was objects to repostent the State of your churter. what Containsized application are sunning (and on which node) The policie ground how those application behave, asuch as restart policies, upgrades and fault tolerence. -> System will Constantly work to cheese that object exist and maintains churter desired state Every 1 K8s object includes two neeted field that govern the object Config the object state spec and the object states The specification, which we provide. decribes your duised state for the Object - the characteristice that you want the object to have.



Dar Avjuach Par > Services espose pod produce to the configure pade. of POD which > Repulica (212) -> Startup > Image (tomcate i Ubanty) > Detached (Default) -) Port Imperative espicitly tills "implood 1 K8S object Management the Kube Command line tool support Several diffrent way to create and manage Kuberntes object. word word ext NO Enleane and est to WHAN WOOD Pagone de tropalisted, gog elt

Arrivach Pandy Private Par Fromus -to-18 Recommended Environment operats . Management technique Development live object Imperative project Commonds Individual Declarative Production field comonds (Yam I Jalon) Con figuration Replica Car Emage (tomcake t Objects) > petached instant Declarative is about describing what you are typing to achive, without inchardon how to do it. accomplete is? " how to Imperative Fondandental Of Pods - when a pod get created, it is scheduled to sun on a node in + The Pop remains on the node untill the poseur in terminuted, the pod

Object we deleted, the Pop is evicted for Jack of resource, or the node fails.

If a Pop we Schoduled to a node that fails, or if the schoduling operation whelf fails, the Pop wi deleted.

If a node is dies, the Pop wi deleted to that node are scheduled for deletion after a timeout period deletion to a new hode, instead at will be replaced by an identical pop but with a new (UID).

Volume in a Pop will exacts a long as that a Pop will exacts a long as that a Pop will exacts a long as that a Pop will exact a long a for any realion, volume in al on somewight Popland water in A Controller Can (zeetel and manager multiple pods. Halldling replaction, rollout and providing self-healing Capabilites. Arinalh Randy

Rubernetes Configuration

Inetallation Inetallation With all in one, all the marter and work are installed to one one (2 cpc) (practio) Single hode . they it way Ull full for cleaning development and teefing This type shows not be used in Production. minikuhe die one such example, O'Single Node-etcd, Sing 9n thie setup, we have moeter and multi a single marter node, which also sun a single node etcd inetance. worker inetallation. multiple worker node are Conneted too the meeter pop in deleted In their setup, we have multiple malter node, but 3 Single-node etcd multi-malter and Multi-Worker we have a signle node etel ineterce. muttiple inetallation. evillater who worken node conneta are to the marter noditions de Arroll loudy

Bacia of YAME Avirable Randy. New Create tell Name Exp - Pod I. yml Statt any yml fill (---) but it hot mendenory
but if we add two ore
more file 80 we we this
to seperate them. and the next thing is # > (Comment) with Er - # this is my you tell (this is not Exicuate to out you tol) Indentation is very Imp Styden: Nano | Avinally: In K85 we write a manifact with the help of this you fell.