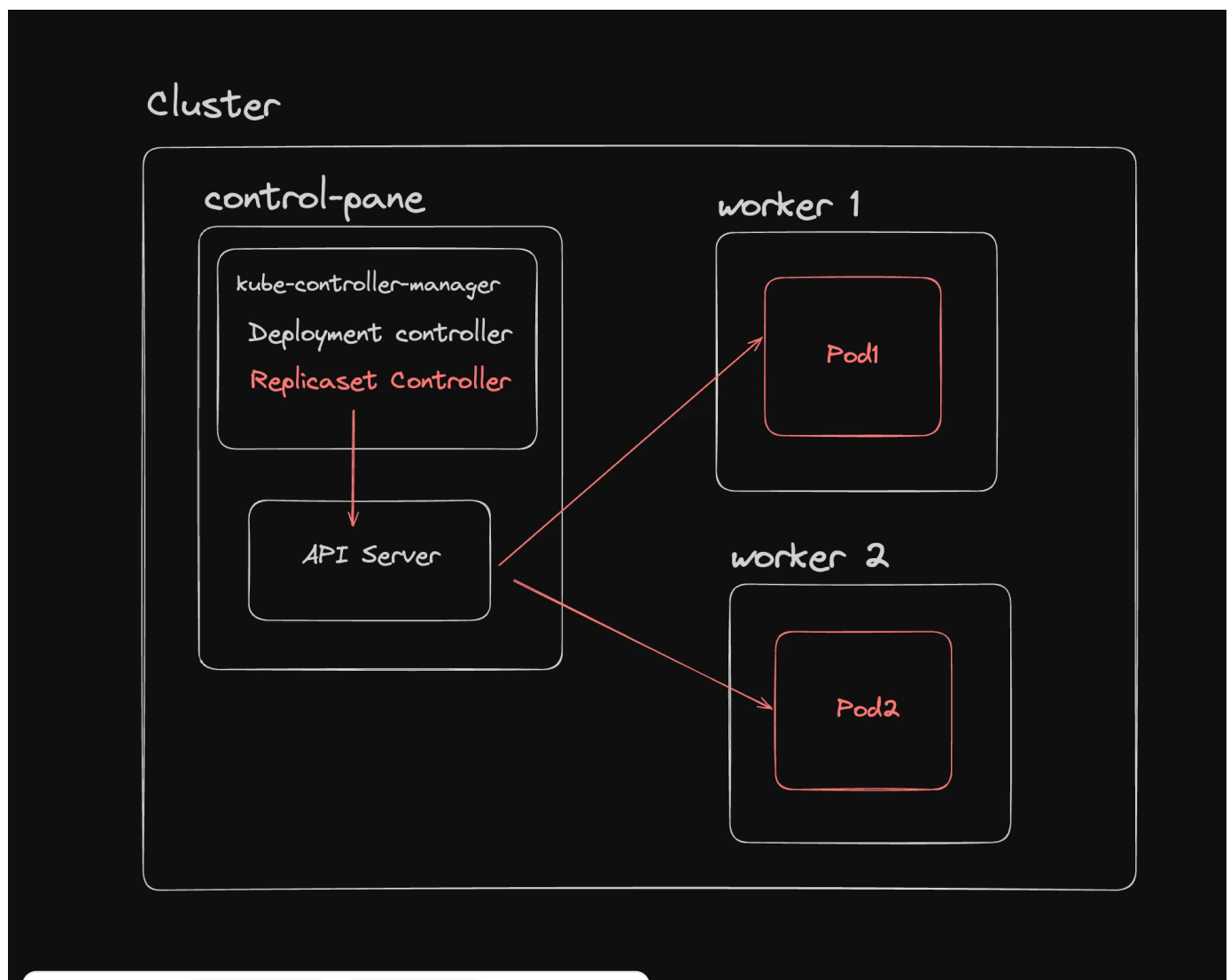





Replicaset

A ReplicaSet in Kubernetes is a controller that ensures a specified number of pod replicas are running at any given time. It is used to maintain a stable set of replica Pods running in the cluster, even if some Pods fail or are deleted.

When you create a deployment, you mention the amount of **replicas** you want for this specific pod to run. The deployment then creates a new **ReplicaSet** that is responsible for creating X number of pods.



Series of events

U  r **Kubernetes Part 1** 12 of 20 which creates a **replicaset** which creates **pods**
If **pods** go down, **replicaset controller** ensures to bring them back up

