

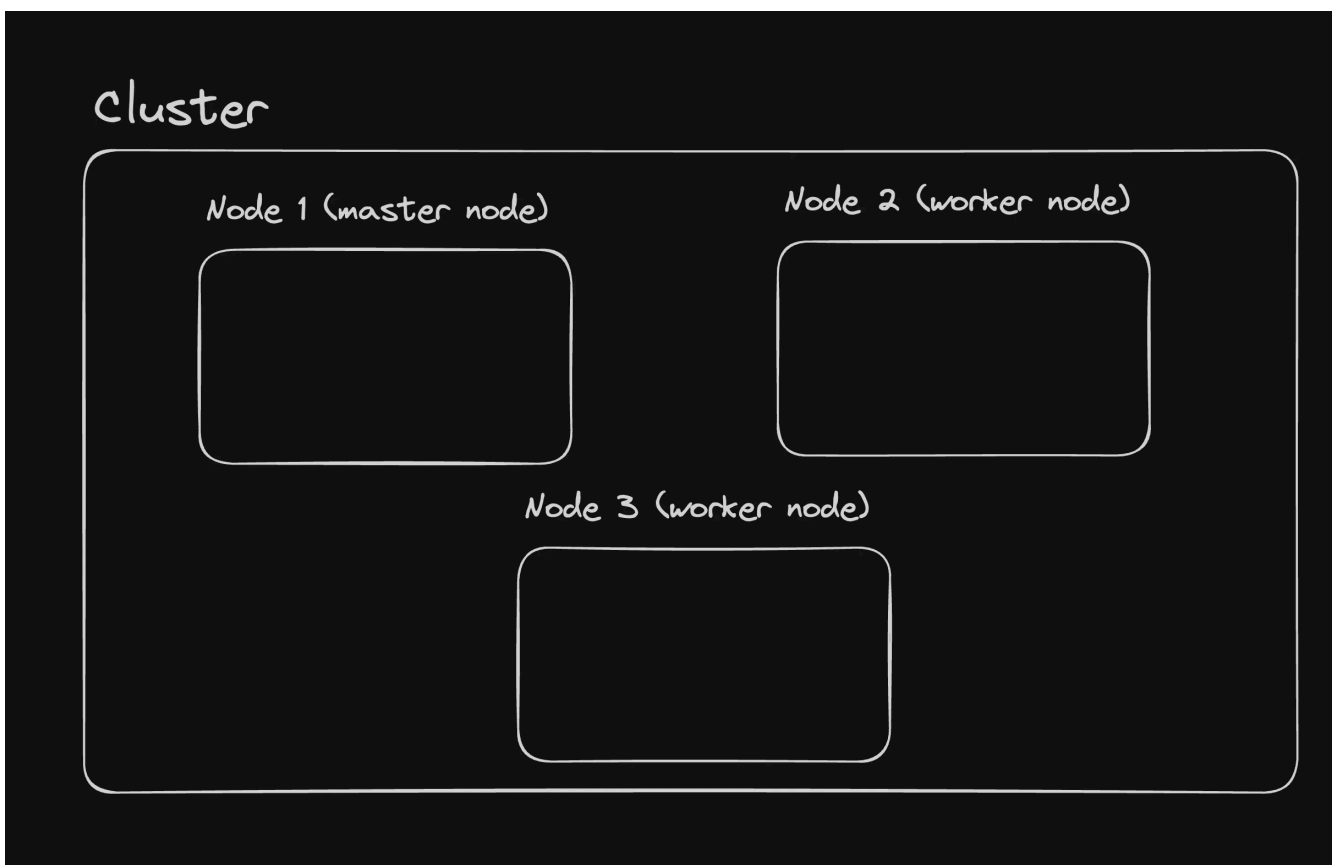
# Recapping what we've done

Ref – <https://projects.100xdevs.com/tracks/kubernetes-1/Kubernetes-Part-1-1>

## Quick recap

### ▼ Cluster

A kubernetes cluster is a bunch of machines that work together to help you deploy your app



### ▼ Nodes

Each machine in your cluster is called a node

Nodes are of two types

1. Master node (control plane) – Exposes an API that the **developer** can

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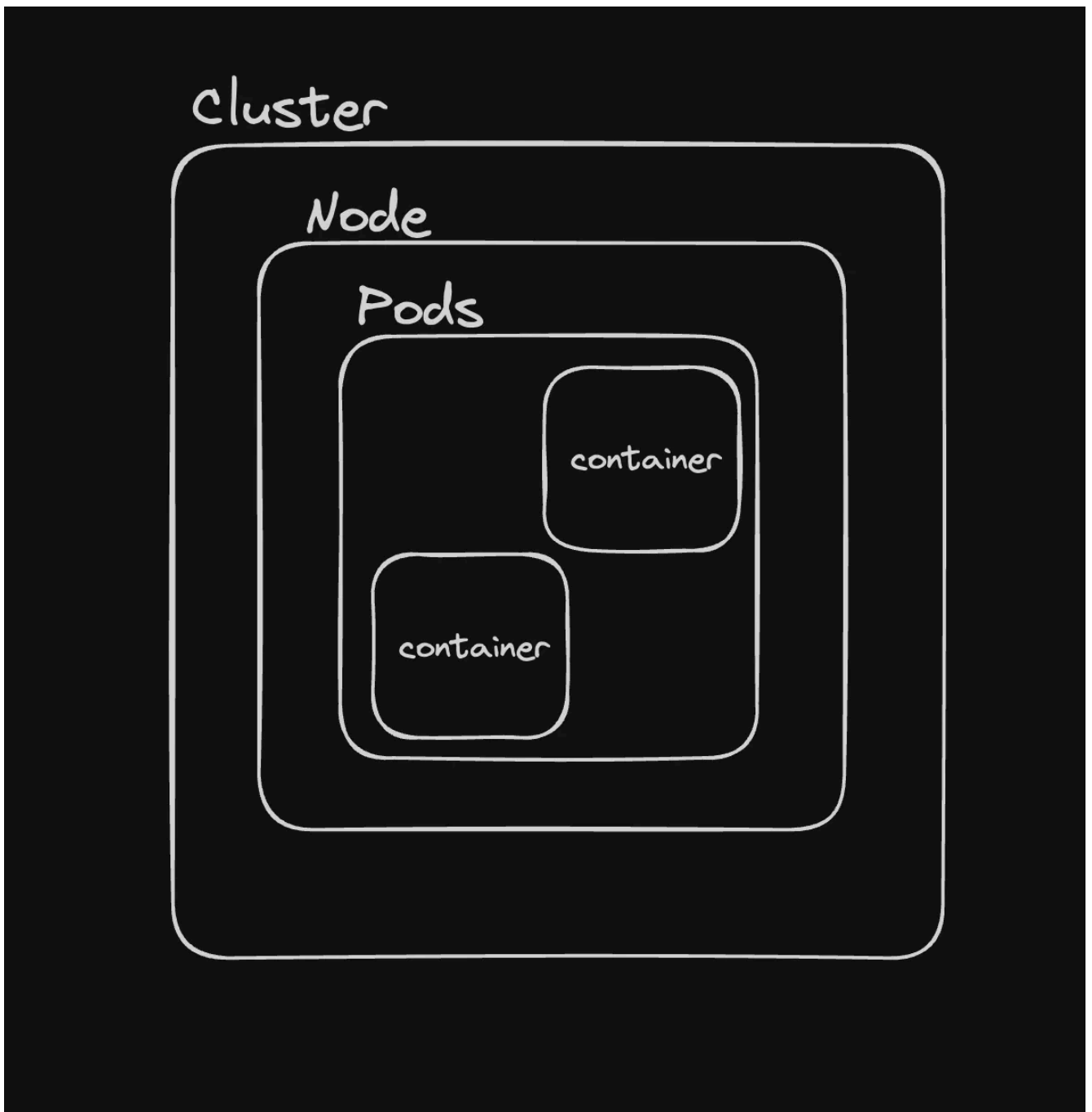
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## 2. Worker node - Actually run the pods

### ▼ Pods

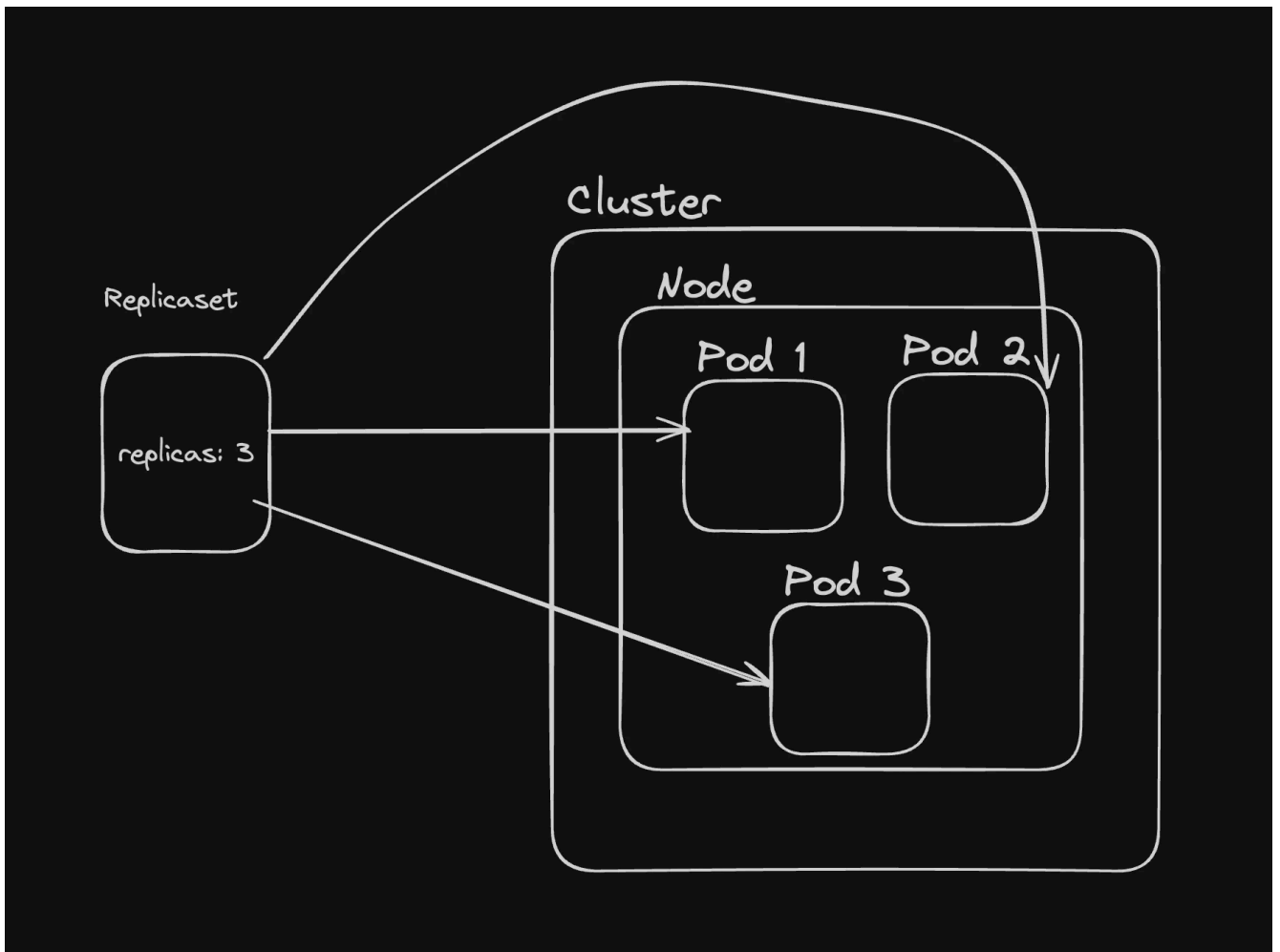
The smallest execution unit inside a kubernetes cluster. A pod can run **one or more** containers



### ▼ Replicasets

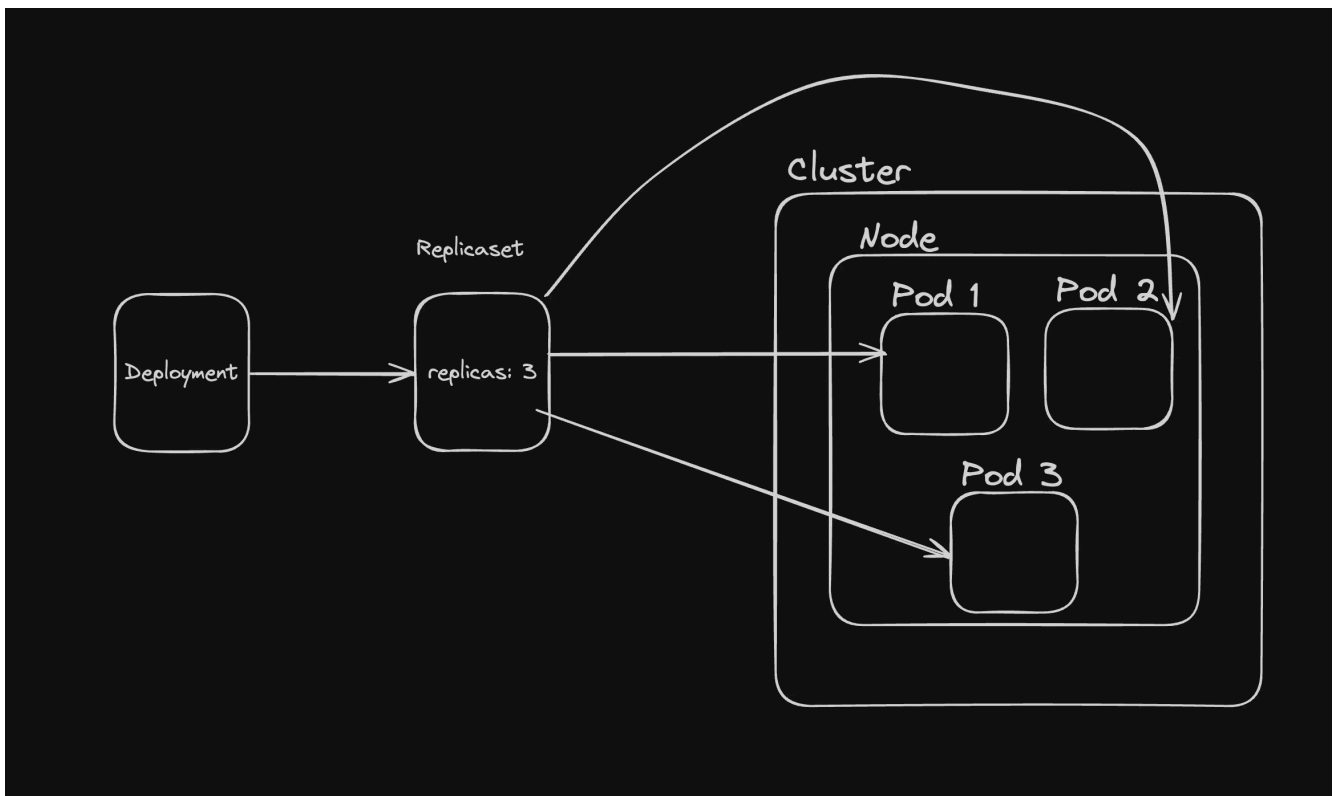
They let you create **multiple** pods (replicas).

It also takes care of bringing them back up if they ever go down/are killed



### ▼ Deployment

A deployment creates

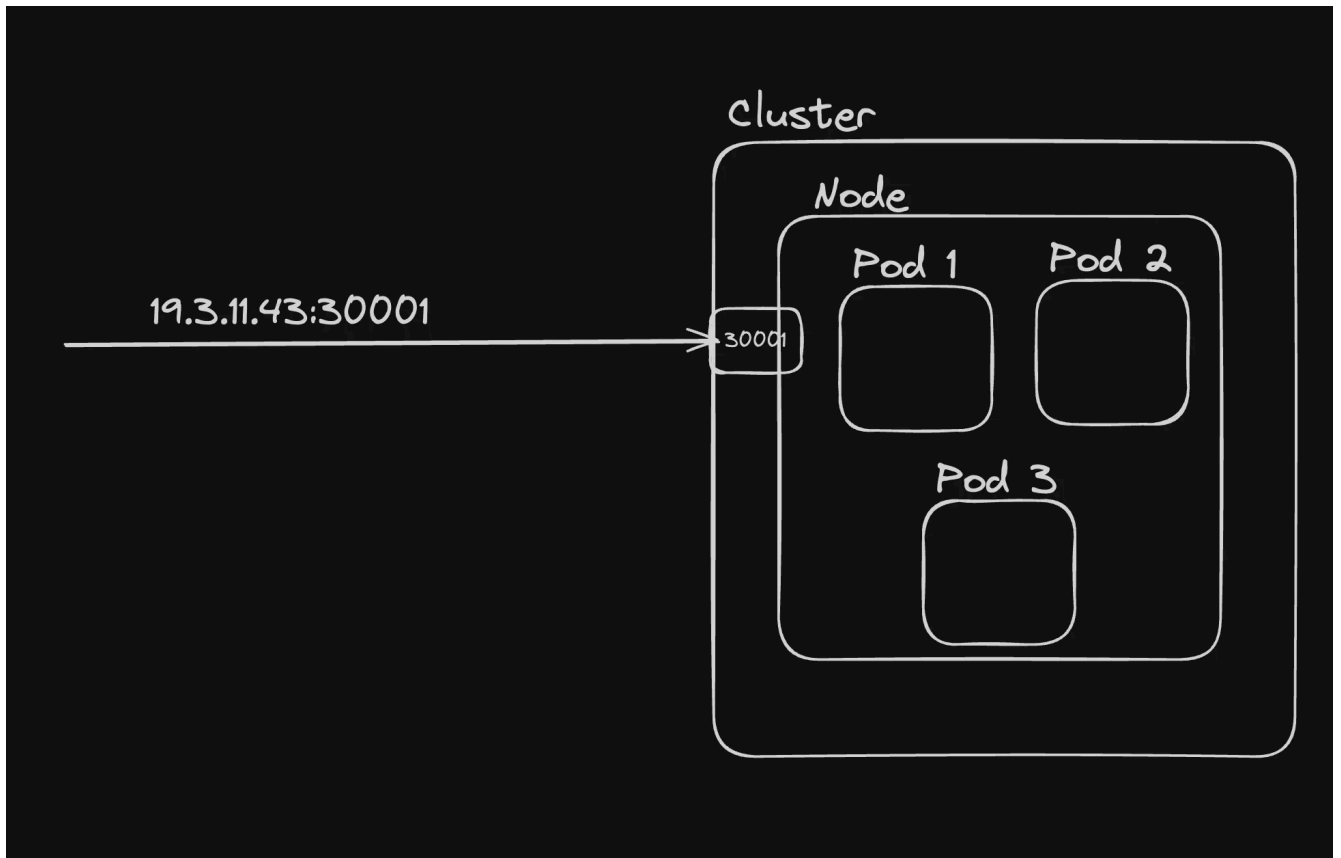


Services let you expose your pods to other pods/over the internet

They are of three types

1. ClusterIP
2. NodePort
3. Loadbalancer — Creates a loadbalancer outside the kubernetes cluster

## Nodeport



## Loadbalancer

