Kubernetes Service
By Shiva

Service

Service is a method for exposing a network application that is running as one or more Pods in your cluster.

We have multiple types of services. Each has their own significance.

ClusterIP

This type of service will be helpful for internal communication between the applications.

NodePort

This type of service will be help for mapping node port to service so that we can access the application with the help of nodeport.

LoadBalancer

This type of service will create an external load balancer and we can access the application with the load balancer dns name. This only works when we create a kubernetes cluster with a cloud provider. But if we use the kubeadm way of cluster this will work as nodeport type.

Below were not types.

MultiPort

Multiport service will enable multiple ports on the service and targets multiple applications in the pod.

Headless

If we explicitly set clusterip to none then that service is call headless service and it helps us to only target particular pod.