

# Ingress and Ingress Controller



Ref – <https://kubernetes.io/docs/concepts/services-networking/ingress/>

An API object that manages external access to the services in a cluster, typically HTTP.

Ingress may provide load balancing, SSL termination and name-based virtual hosting.

## What is Ingress?

**Ingress** exposes HTTP and HTTPS routes from outside the cluster to **services** within the cluster. Traffic routing is controlled by rules defined on the Ingress resource.

Here is a simple example where an Ingress sends all its traffic to one Service:

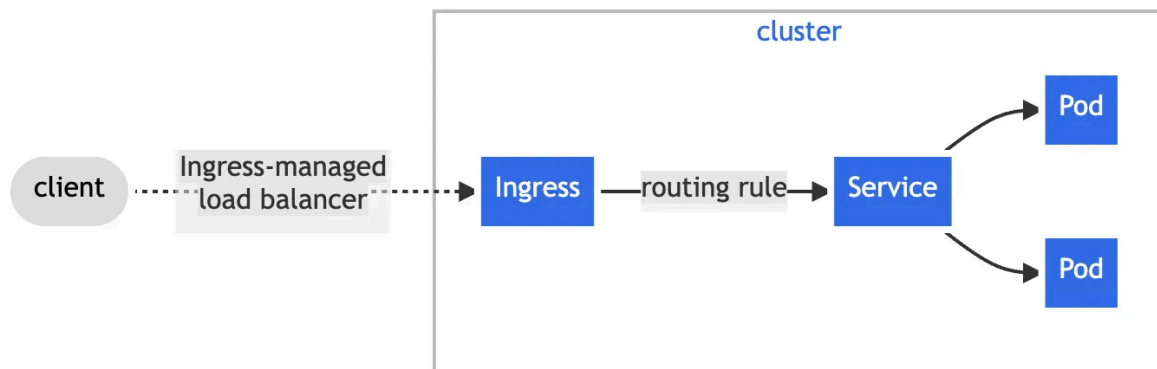


Figure. Ingress



An Ingress does not expose arbitrary ports or protocols. Exposing services other than HTTP and HTTPS to the internet typically uses a service of type `Service.Type=NodePort` or `Service.Type=LoadBalancer`.