Service - abstracts complexities of pods to expose ports to connect to a set of pods

- load balances between all pods for a service

- stable ip address

  * ip can be found in pod env vars or k8s local DNS server

  - server ip does not need to be hardcoded

- config endpoints if service represents external ips

Ingress

- externally available
- maps to services
- uses http protocol
  - use cookies
  - url mapping

Readiness Probe

- add to replication controller/set
- does not put _pod_ into rotation of service until readiness probe is successful