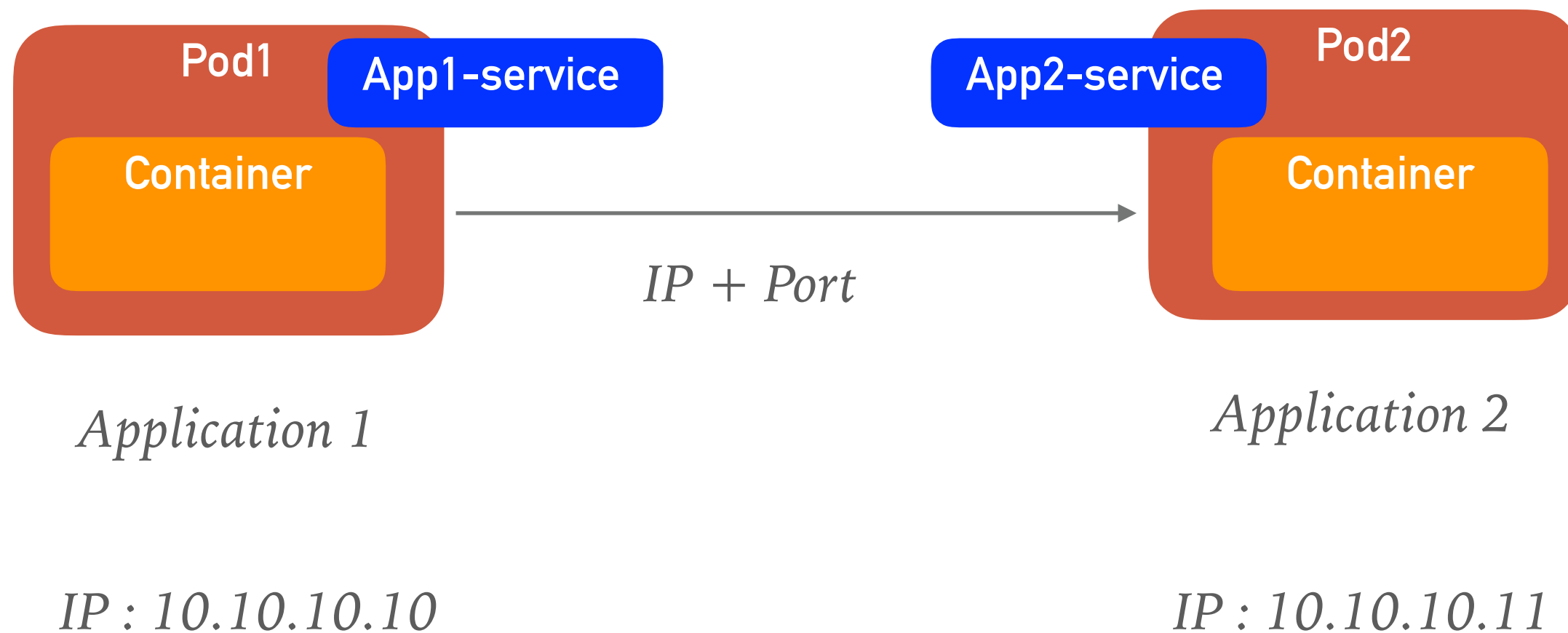# kubernetes

Kubernetes: Service Discovery using DNS

➤ Service discovery is the process of figuring out how to connect to a **service**.

➤ Service Base Discovery have two type:
Environment Variable Base.
DNS Base.

➤ Service Discovery is like Networking your Containers.

➤ DNS in Kubernetes is an Built-in Service managed by Kube-DNS.

➤ DNS Service is used within **PODs** to find other services running on the same Cluster.

➤ **Multiple containers** running with-in same POD don't need DNS service, as they can contact each other.

➤ Containers with in same POD can connect to other container using PORT on localhost.

➤ To make DNS work POD always need Service Definition.

➤ **Kube-DNS** is a database containing **key-value pairs** for lookup.

➤ Keys are names of services and values are IP addresses on which those services are running.

➤ **How Application Work using Service Discovery using DNS.**

See you in next lecture …