



kubernetes

Kubernetes: Service Discovery using DNS

KUBERNETES : Advance of Kuebernetes

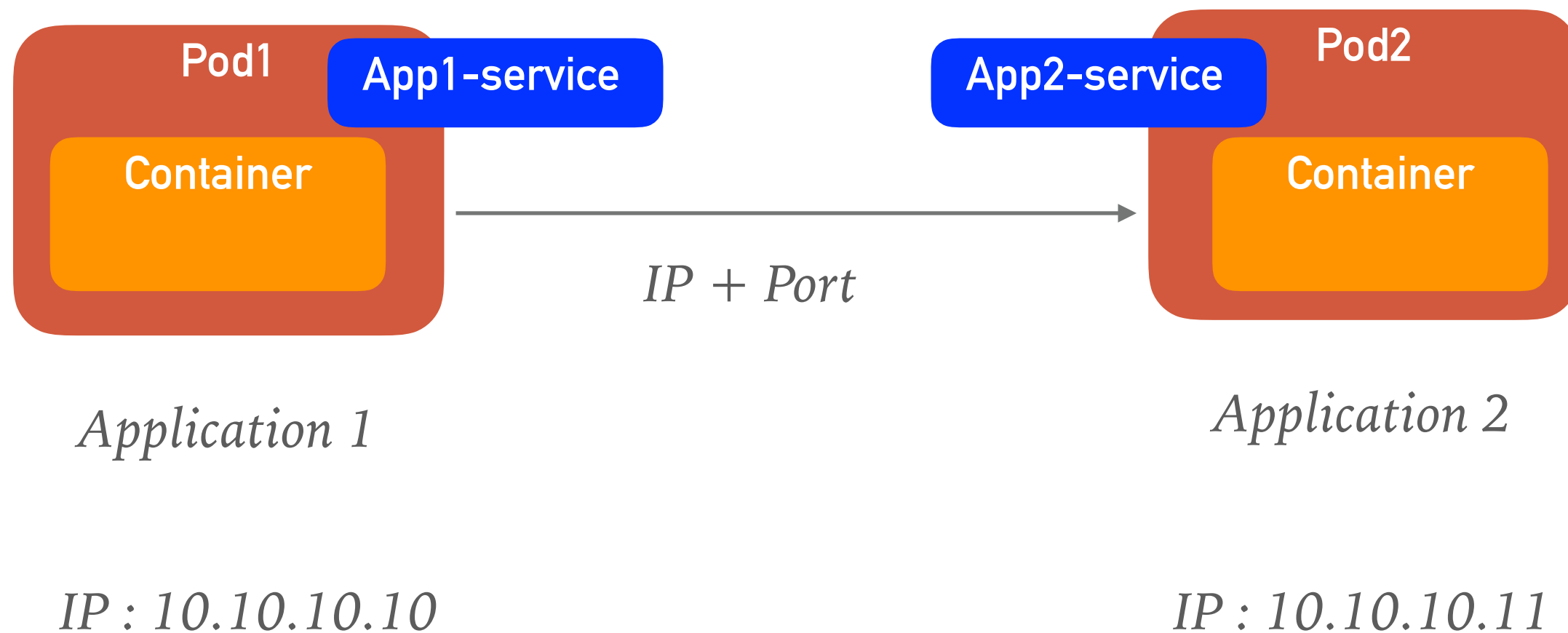
- Service discovery is the process of figuring out how to connect to a **service**.
- Service Base Discovery have two type:
Environment Variable Base.
DNS Base.
- Service Discovery is like Networking your Containers.
- DNS in Kubernetes is an Built-in Service managed by Kube-DNS.
- DNS Service is used within **PODs** to find other services running on the same Cluster.

KUBERNETES : Advance of Kuebernetes

- **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.

KUBERNETES : Advance of Kuebernetes

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



Will see you in Next Lecture...

Thank you!

A close-up photograph of a hand holding a black marker, writing the words "Thank you!" in a cursive script on a white surface. The hand is positioned on the right side of the frame, with the fingers gripping the marker. The text is written in a dark, fluid cursive style. The background is plain white.

See you in next lecture ...