



KUBERNETES FUNDAMENTALS (LFS258)

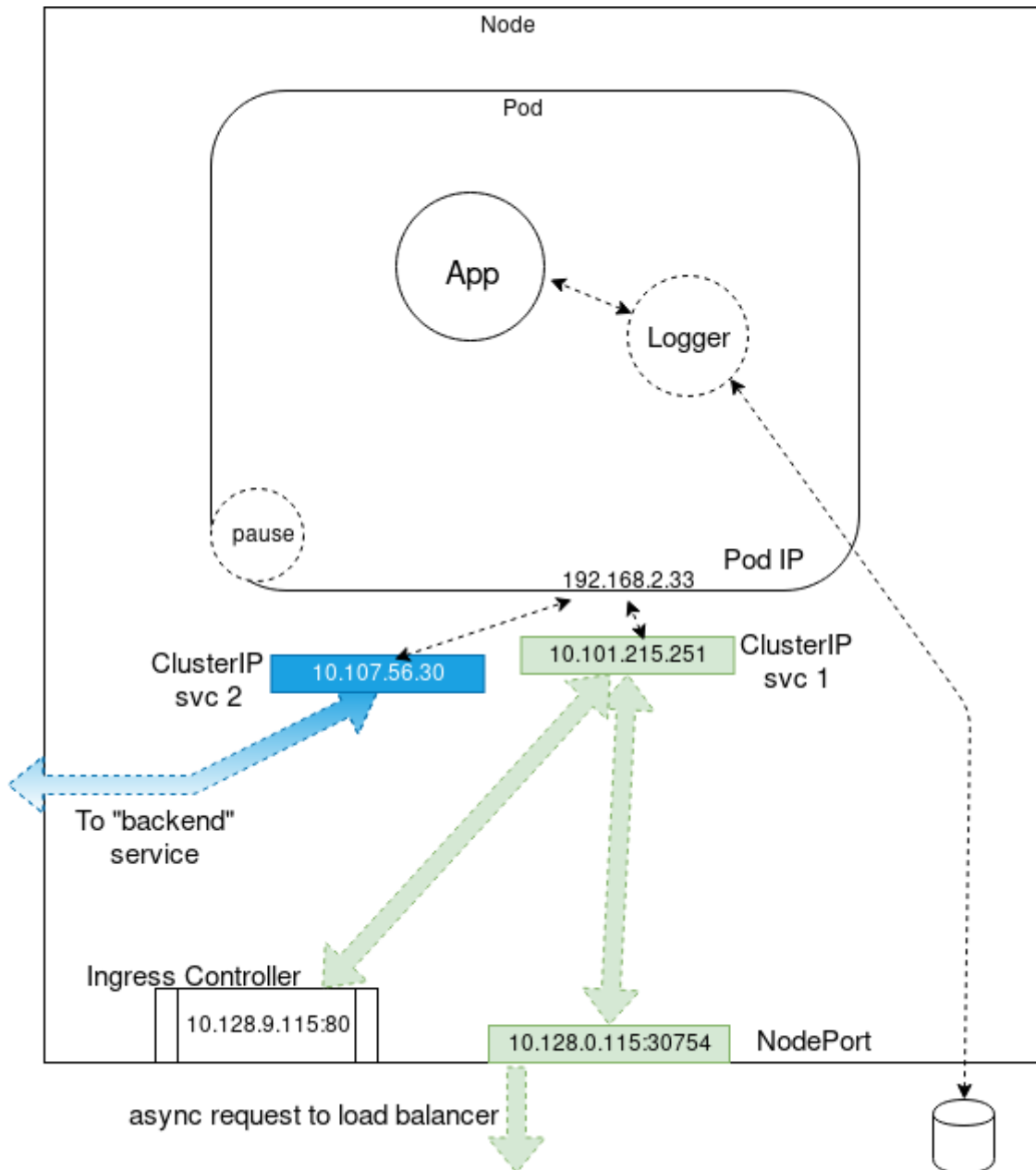
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KUBERNETES ARCHITECTURE

Kubernetes Architecture

Services

We can use a *service* to connect one pod to another, or to outside of the cluster.



Service Network

This graphic shows a pod with a primary container, App, with an optional sidecar Logger. Also seen is the pause container, which is used by the cluster to reserve the IP address in the namespace prior to starting the other pods. This container is not seen from within Kubernetes, but can be seen using **docker** and **crictl**.

This graphic also shows a ClusterIP which is used to connect inside the cluster, not the IP of the cluster. As the graphic shows, this can be used to connect to a NodePort for outside the cluster, an

IngressController or proxy, or another "backend" pod or pods.