**PyTorch Serving(PyTorchJob)**

**https://github.com/kserve/kserve/issues/1893**

**Environment:**

* Istio Version: 1.5.1 (1.11.4)
* Knative Version: 0.26.0
* KFServing Version: 1.7.0
* Kubeflow version: n/a
* Kfdef:[k8s\_istio/istio\_dex/gcp\_basic\_auth/gcp\_iap/aws/aws\_cognito/ibm] n/a
* Minikube version: n/a
* Kubernetes version: (use kubectl version):
* gcloud container clusters create kserve-test --cluster-version latest --num-nodes=3 --zone europe-west1-b

**Install istio (version 1.11.4):**

$ curl -L https://istio.io/downloadIstio | sh -

$ cd istio-1.11.4/bin

$ ./istioctl install

|  |
| --- |
| This will install the Istio 1.11.4 default profile with ["Istio core" "Istiod" "Ingress gateways"] components into the cluster. Proceed? (y/N) y  ✔ Istio core installed  ✔ Istiod installed  ✔ Ingress gateways installed  ✔ Installation complete  Thank you for installing Istio 1.11. Please take a few minutes to tell us about your install/upgrade experience! https://forms.gle/kWULBRjUv7hHci7T6 |

**위의 설치 매뉴얼 작동 안함. 아래로 대체**

**sudo microk8s enable istio**

**Install KNative Serving (v0.26.0):  이미 설치되어 있음**

**$ kubectl apply -f https://github.com/knative/serving/releases/download/v0.26.0/serving-crds.yaml**

**$ kubectl apply -f https://github.com/knative/serving/releases/download/v0.26.0/serving-core.yaml**

**$ kubectl apply -f https://github.com/knative/net-istio/releases/download/v0.26.0/net-istio.yaml**

**Install Cert Manager (v1.3.0):  Install Cert Manager (v1.6.0):**

**$ kubectl apply -f https://github.com/jetstack/cert-manager/releases/download/v1.3.0/cert-manager.yaml**

**Install KServe:**

**$ kubectl apply -f https://github.com/kserve/kserve/releases/download/v0.7.0/kserve.yaml**

**TEST**

**$ kubectl create namespace kserve-test**

namespace/kserve-test created

**$ kubectl apply -f sklearn.yaml -n kserve-test**

Error from server (InternalError): error when creating "sklearn.yaml": Internal error occurred: failed calling webhook "inferenceservice.kserve-webhook-server.defaulter": Post "https://kserve-webhook-server-service.kserve.svc:443/mutate-serving-kserve-io-v1beta1-inferenceservice?timeout=10s": no endpoints available for service "kserve-webhook-server-service"