Internal error occurred: failed calling webhook "validation.istio.io"

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Playing around with GCP Anthos, I installed Anthos 1.11 on the GKE cluster and installed the Online Boutique application it was working as expected. Then tried to upgrade to Anthos 1.12, after upgrading was able to inject the new envoy sidecar into deployments. Problem is when I try creating a Service Entry as below :

```
apiVersion: networking.istio.io/v1alpha3
kind: ServiceEntry
metadata: # kpt-merge: /allow-egress-googleapis
  name: allow-egress-googleapis
spec:
  hosts:
  - "accounts.google.com" # Used to get token
  - "*.googleapis.com"
  ports:
  - number: 80
    protocol: HTTP
    name: http
  - number: 443
    protocol: HTTPS
    name: https
---
apiVersion: networking.istio.io/v1alpha3
kind: ServiceEntry
metadata: # kpt-merge: /allow-egress-google-metadata
  name: allow-egress-google-metadata
spec:
  hosts:
  - metadata.google.internal
  addresses:
  - 169.254.169.254 # GCE metadata server
  ports:
  - number: 80
    name: http
    protocol: HTTP
  - number: 443
    name: https
    protocol: HTTPS
```

I run into the below error:

```
Error from server (InternalError): error when creating "online-boutique/istio-
manifests/allow-egress-googleapis.yaml": Internal error occurred: failed calling
webhook "validation.istio.io": Post "https://istiod-asm-1118-0.istio-
system.svc:443/validate?timeout=10s": service "istiod-asm-1118-0" not found
Error from server (InternalError): error when creating "online-boutique/istio-
manifests/allow-egress-googleapis.yaml": Internal error occurred: failed calling
webhook "validation.istio.io": Post "https://istiod-asm-1118-0.istio-
system.svc:443/validate?timeout=10s": service "istiod-asm-1118-0" not found
```

Not sure why its picking the older version which was cleaned up, i dont explicitly mention the

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Online Boutique application deployed as in https://cloud.google.com/service-mesh/docs/onlineboutique-install-kpt#using-ingress-gateway

thank you !

google-kubernetes-engine   istio   google-anthos   google-anthos-service-mesh

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asked Mar 31, 2022 at 19:39

Sanjay M. P.
819   1   14   28

Did you restart the istiod after upgrade? You can check the istiod labels with `'kubectl get pods -n istio-system --show-labels` — Jakub Apr 3, 2022 at 13:24

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1 Answer

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I ran in the same issue. After the upgrade I had lingering `validatingwebhookconfiguration` objects labeled with the old istio version

```
Name:           istiod-default-validator
Namespace:
Labels:         app=istiod
                istio=istiod
                istio.io/rev=asm-1124-2
                istio.io/tag=default
                operator.istio.io/component=Pilot
```

manually deleting it fixed my issue

```
kubectl delete validatingwebhookconfiguration istiod-default-validator
```

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answered Jun 9, 2022 at 14:11

Blackbelt
155k   29   294   303