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root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml# kubectl -n canary-demo get pods
```

NAME	READY	STATUS	RESTARTS	AGE
demo-canary-85d8f48f85-j4qp4	1/1	Running	0	47m
demo-stable-ff86cf5bb-7qtkv	1/1	Running	0	47m
demo-stable-ff86cf5bb-x26rc	1/1	Running	0	47m
demo-v1-67d859b867-22s58	2/2	Running	0	67s
demo-v1-67d859b867-v94mv	2/2	Running	0	67s
demo-v2-569d56cff8-45h7f	2/2	Running	0	67s

```
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj/# kubectl -n istio-system get pods
NAME                                READY   STATUS    RESTARTS   AGE
grafana-84f968c4c9-d8v4n            1/1     Running   0           40s
istio-egressgateway-559bd55945-7l6jr 1/1     Running   0           70m
istio-ingressgateway-74df47f5f9-wgz8b 1/1     Running   0           70m
istiod-85798b5866-flq9w             1/1     Running   0           70m
kiali-fc474f545-xhlxm               1/1     Running   0           41s
prometheus-6798d6559c-w22ph         2/2     Running   0           42s
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7#
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```
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
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Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
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Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
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Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
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Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7# cat /tmp/traffic-summary.txt
85 Hello from v1 - pod: demo-stable-ff86cf5bb-7qtkv
77 Hello from v1 - pod: demo-stable-ff86cf5bb-x26rc
38 Hello from v2 - pod: demo-canary-85d8f48f85-j4qp4
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7#
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```
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml# kubectl -n canary-demo logs -l app=demo -c demo --tail=
Listening on 3000, version v2
Listening on 3000, version v1
Listening on 3000, version v1
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml# |
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```
istio-ingressgateway LoadBalancer 10.43.162.2 <pending> 15021:31784/TCP,80:30619/TCP,443:31278/TCP,31400:30326/TCP,15443:31970/TCP 39m app=istio-ingressgateway,istio=ingressgateway
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3s-Based-Canarydeployment k3s and Istio-proj7# kubectl -n istio-system get svc istio-ingressgateway -o wide
NAME                                TYPE                CLUSTER-IP      EXTERNAL-IP      PORT(S)
istio-ingressgateway               LoadBalancer        10.43.162.2      <pending>         15021:31784/TCP,80:30619/TCP,443:31278/TCP,31400:30326/TCP,15443:31970/TCP
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3s-Based-Canarydeployment k3s and Istio-proj7#
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```
oot@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7# for i in $(seq 1 200); do curl -s http://10.43.162.2; done | tee /tmp/traffic-responses.txt
```

```
root@ip-172-31-47-55: /home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml
root@ip-172-31-47-55: /home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml# kubectl get ns canary-demo --show-labels
NAME          STATUS   AGE   LABELS
canary-demo   Active   43m   app.kubernetes.io/managed-by=Helm,istio-injection=enabled,kubernetes.io/metadata.name=canary-demo,name=canary-demo
root@ip-172-31-47-55: /home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml#
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root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7# kubectl -n istio-system get svc istio-ingressgateway
NAME                                TYPE                CLUSTER-IP      EXTERNAL-IP      PORT(S)                                     AGE
istio-ingressgateway               LoadBalancer        10.43.162.2      <pending>         15021:31784/TCP,80:30619/TCP,443:31278/TCP,31400:30326/TCP,15443:31970/TCP  68m
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7#
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```
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml# kubectl -n canary-demo get pods
kubectl -n canary-demo get svc
NAME                                READY   STATUS    RESTARTS   AGE
demo-canary-85d8f48f85-j4qp4       1/1     Running   0           40m
demo-stable-ff86cf5bb-7qtkv        1/1     Running   0           40m
demo-stable-ff86cf5bb-x26rc        1/1     Running   0           40m
NAME    TYPE        CLUSTER-IP   EXTERNAL-IP   PORT(S)   AGE
demo    ClusterIP   10.43.158.196 <none>        80/TCP     40m
root@ip-172-31-47-55:/home/ubuntu/k3s-Istio-Proj7/k3-Based-Canarydeployment k3s and Istio-proj7/k8s-yaml#
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