



apple.yml

```

kind: Pod
apiVersion: v1
metadata:
  name: apple-app
  labels:
    app: apple
spec:
  containers:
    - name: apple-app
      image: hashicorp/http-echo
      args:
        - "-text=apple"
---
kind: Service
apiVersion: v1
metadata:
  name: apple-service
spec:
  selector:
    app: apple
  ports:
    - port: 5678 # Default port for image

```

Onap VID service as a second one

```
helm install stable/nginx-ingress --name my-nginx --namespace onap
```

ingress_test.yaml

```
apiVersion: extensions/v1beta1
kind: Ingress
metadata:
  name: example-ingress-onap
  annotations:
    ingress.kubernetes.io/rewrite-target: /
spec:
  rules:
    - http:
        paths:
          - path: /vid
            backend:
              serviceName: vid
              servicePort: 8080
          - path: /apple
            backend:
              serviceName: apple-service
              servicePort: 5678
```

```
kubectl apply -f ingress_test.yaml --namespace=onap
```

```
kubectl describe svc my-nginx-nginx-ingress-controller --namespace=onap
Name: my-nginx-nginx-ingress-controller
Namespace: onap
Labels: app=nginx-ingress
        chart=nginx-ingress-1.6.15
        component=controller
        heritage=Tiller
        release=my-nginx
Annotations: <none>
Selector: app=nginx-ingress,component=controller,release=my-nginx
Type: LoadBalancer
IP: 10.43.212.189
External IPs: 192.168.2.10
Port: http 80/TCP
TargetPort: http/TCP
NodePort: http 30716/TCP
Endpoints: 10.42.2.164:80
Port: https 443/TCP
TargetPort: https/TCP
NodePort: https 32000/TCP
Endpoints: 10.42.2.164:443
Session Affinity: None
External Traffic Policy: Cluster
Events: <none>
```

```
kubectl patch svc my-nginx-nginx-ingress-controller -n onap -p '{"spec": {"type": "LoadBalancer", "externalIPs":["192.168.2.10"]}}'
```

```
kubectl describe ing example-ingress-onap -n onap
```

```
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```

```
Name:          example-ingress-onap
Namespace:     onap
Address:       192.168.2.16,192.168.2.18,192.168.2.4,192.168.2.8
Default backend: default-http-backend:80 (<none>)
```

```
Rules:
```

Host	Path	Backends
*		
	/vid	vid:8080 (<none>)
	/apple	apple-service:5678 (<none>)

```
Annotations:
```

```
kubectl.kubernetes.io/last-applied-configuration:
{"apiVersion":"extensions/v1beta1","kind":"Ingress","metadata":{"annotations":
{"ingress.kubernetes.io/rewrite-target":"/"},"name":"example-ingress-
onap","namespace":"onap"},"spec":{"rules":[{"http":{"paths":[{"backend":
{"serviceName":"vid","servicePort":8080},"path":"/vid"}, {"backend":
{"serviceName":"apple-service","servicePort":5678},"path":"/apple"}]}]}}
```

```
ingress.kubernetes.io/rewrite-target: /
```

```
Events:
```

Type	Reason	Age	From	Message
Normal	UPDATE	2m41s (x14347 over 4d23h)	nginx-ingress-controller	Ingress onap/example-ingress-onap
Normal	UPDATE	2m41s (x14347 over 4d23h)	nginx-ingress-controller	Ingress onap/example-ingress-onap
Normal	UPDATE	2m41s (x14347 over 4d23h)	nginx-ingress-controller	Ingress onap/example-ingress-onap
Normal	UPDATE	2m41s (x14347 over 4d23h)	nginx-ingress-controller	Ingress onap/example-ingress-onap
Normal	UPDATE	2m41s (x14347 over 4d23h)	nginx-ingress-controller	Ingress onap/example-ingress-onap