# HW_4_solution

I’ve configured ingress:

```yaml
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
  name: my-ingress
  namespace: {{ .Values.namespace_name }}
  annotations:
    nginx.ingress.kubernetes.io/use-regex: "true"
    nginx.ingress.kubernetes.io/rewrite-target: /$1
spec:
  ingressClassName: nginx
  rules:
    - http:
        paths:
          - path: /api/resource-service/(.*)
            pathType: Prefix
            backend:
              service:
                name: resource-service
                port:
                  number: 8080
```

And installed ingress nginx controller:

```
robertgazizov@MacBook-Air-Robert helm-chart % kubectl get pod -n ingress-nginx
NAME                                        READY   STATUS      RESTARTS   AGE
ingress-nginx-admission-create-mrcxl        0/1     Completed   0          2m39s
ingress-nginx-admission-patch-m7mzg         0/1     Completed   1          2m39s
ingress-nginx-controller-7799c6795f-628lc   1/1     Running     0          2m39s
robertgazizov@MacBook-Air-Robert helm-chart % kubectl get ingress -n my
NAME         CLASS   HOSTS   ADDRESS        PORTS   AGE
my-ingress   nginx   *       192.168.49.2   80      119s
```

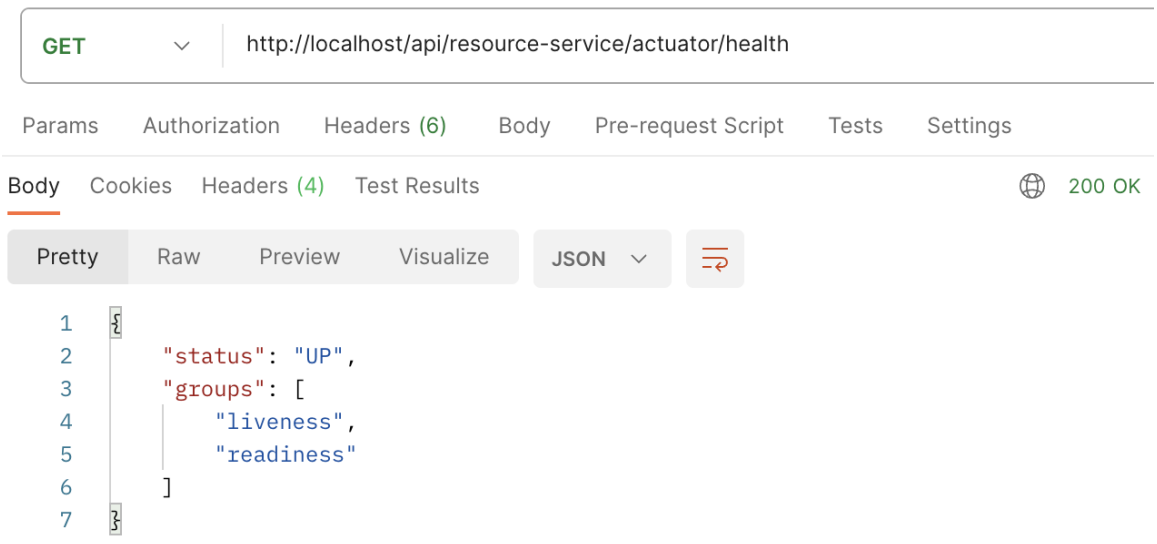
Then I opened minikube tunnel so I am able to access ingress through the localhost:

```
robertgazizov@MacBook-Air-Robert helm-chart % sudo minikube tunnel
Password:
✅  Tunnel successfully started

📌  NOTE: Please do not close this terminal as this process must stay alive for the tunnel to be accessible ...

❗  The service/ingress my-ingress requires privileged ports to be exposed: [80 443]
🔑  sudo permission will be asked for it.
🏃  Starting tunnel for service my-ingress.
```

As a result, I am able to reach the resource-service with new URL structure:




and interact with API: