```
Initialising Kubernetes... done

controlplane:~$ helm repo add haproxytech https://haproxytech.github.io/helm-charts
"haproxytech" has been added to your repositories
controlplane:~$ helm repo update
Hang tight while we grab the latest from your chart repositories...
...Successfully got an update from the "haproxytech" chart repository
Update Complete. ⎈Happy Helming!⎈
controlplane:~$ helm install haproxy-ingress-devops haproxytech/kubernetes-ingress \
  --namespace haproxy-controller-devops \
  --create-namespace \
  --set controller.service.type=NodePort \
  --set controller.service.nodePorts.http=32456 \
  --set controller.service.nodePorts.https=32567 \
  --set controller.service.nodePorts.stat=32678 \
  --set controller.defaultBackend.enabled=true
NAME: haproxy-ingress-devops
LAST DEPLOYED: Sun Apr 27 11:03:40 2025
NAMESPACE: haproxy-controller-devops
STATUS: deployed
REVISION: 1
TEST SUITE: None
NOTES:
HAProxy Kubernetes Ingress Controller has been successfully installed.

Controller image deployed is: "haproxytech/kubernetes-ingress:3.1.6".
Your controller is of a "Deployment" kind. Your controller service is running as a "NodePort" type.
RBAC authorization is enabled.
Controller ingress.class is set to "haproxy" so make sure to use same annotation for
Ingress resource.

Service ports mapped are:
  - name: http
    containerPort: 8080
    protocol: TCP
```

```
Service ports mapped are:
  - name: http
    containerPort: 8080
    protocol: TCP
  - name: https
    containerPort: 8443
    protocol: TCP
  - name: stat
    containerPort: 1024
    protocol: TCP
  - name: quic
    containerPort: 8443
    protocol: UDP

Node IP can be found with:
  $ kubectl --namespace haproxy-controller-devops get nodes -o jsonpath="{.items[0].status.addresses[1].address}"

The following ingress resource routes traffic to pods that match the following:
  * service name: web
  * client's Host header: webdemo.com
  * path begins with /

  ---
  apiVersion: networking.k8s.io/v1
  kind: Ingress
  metadata:
    name: web-ingress
    namespace: default
    annotations:
      ingress.class: "haproxy"
  spec:
    rules:
    - host: webdemo.com
      http:
```

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      http:
        paths:
        - path: /
          backend:
            serviceName: web
            servicePort: 80

In case that you are using multi-ingress controller environment, make sure to use ingress.class annotation and match it
with helm chart option controller.ingressClass.

For more examples and up to date documentation, please visit:
  * Helm chart documentation: https://github.com/haproxytech/helm-charts/tree/main/kubernetes-ingress
  * Controller documentation: https://www.haproxy.com/documentation/kubernetes/latest/
  * Annotation reference: https://github.com/haproxytech/kubernetes-ingress/tree/master/documentation
  * Image parameters reference: https://github.com/haproxytech/kubernetes-ingress/blob/master/documentation/controller.md
controlplane:~$ kubectl get all -n haproxy-controller-devops
NAME                                                    READY   STATUS      RESTARTS   AGE
pod/haproxy-ingress-devops-kubernetes-ingress-67d8b74444-cgpfc   1/1     Running     0          49s
pod/haproxy-ingress-devops-kubernetes-ingress-67d8b74444-dbwnd   1/1     Running     0          49s
pod/haproxy-ingress-devops-kubernetes-ingress-crdjob-1-qv2q4     0/1     Completed   0          49s

NAME                                               TYPE       CLUSTER-IP      EXTERNAL-IP   PORT(S)
      AGE
service/haproxy-ingress-devops-kubernetes-ingress   NodePort   10.107.100.68   <none>        80:32456/TCP,443:32567/TCP,443:32567/UDP,1024:32678/
TCP   49s

NAME                                                READY   UP-TO-DATE   AVAILABLE   AGE
deployment.apps/haproxy-ingress-devops-kubernetes-ingress   2/2     2            2           49s

NAME                                                           DESIRED   CURRENT   READY   AGE
replicaset.apps/haproxy-ingress-devops-kubernetes-ingress-67d8b74444   2         2         2       49s

NAME                                                STATUS     COMPLETIONS   DURATION   AGE
job.batch/haproxy-ingress-devops-kubernetes-ingress-crdjob-1   Complete   1/1           15s        49s
controlplane:~$
```