

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-cgpf	1/1	Running	0	49s
pod/haproxy-ingress-devops-kubernetes-ingress-67d8b74444-dbwn	1/1	Running	0	49s
pod/haproxy-ingress-devops-kubernetes-ingress-crdjob-1-qv2q4	0/1	Completed	0	49s

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

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:~\$

HAProxy version 3.1.6-d929ca2, released 2025/03/20

Statistics Report for pid 118

> General process information

pid = 118 (process #1, nbproc = 1, nbthread = 1)
uptime = 0d 0h03m51s, warnings = 0
system limits: memmax = 1312 MB, ulimit-n = 20126
maxsock = 20126; maxconn = 10000; reached = 0; maxpipes = 0
current conn = 1; current pipes = 0; conn rate = 20/sec, bit rate = 1.359 kbps
Running tasks: 0/103 (0 nice), idle = 100 %

active UP backup UP
active UP, going down backup UP, going down
active DOWN, going up backup DOWN, going up
active or backup DOWN not checked
active or backup DOWN for maintenance (MAINT)
active or backup SOFT STOPPED for maintenance
Note: "NOLEST DRAIN" = UP with load-balancing disabled

Display option:

- Scope:
- Hide DOWN servers
- Disable refresh
- Refresh now
- CSV export
- JSON export (schema)

External resources:

- Primary site
- Loaders v3.1
- Online manual

healthy																																													
Queue				Session rate			Sessions				Bytes				Denied			Errors			Warnings			Status			Server																		
	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit	Cur	Max	Limit			
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haproxy controller devops_default_backend_service_http																																													
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SRV_1	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_2	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_3	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_4	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_5	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_6	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_7	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_8	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-
SRV_9	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-	0	0	-

