

HAProxy using Helm Chart

```
[abdelrahim@localhost ~]$ helm repo add haproxytech https://haproxytech.github.io/helm-charts
"haproxytech" already exists with the same configuration, skipping
[abdelrahim@localhost ~]$ 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!*
[abdelrahim@localhost ~]$
```

```
[abdelrahim@localhost ~]$ kubectl create namespace haproxy-controller-devops-helm
namespace/haproxy-controller-devops-helm created
```

```
[abdelrahim@localhost ~]$ kubectl get svc -n haproxy-controller-devops-helm
NAME                                TYPE        CLUSTER-IP      EXTERNAL-IP      PORT(S)                                     AGE
haproxy-ingress-devops-kubernetes-ingress  NodePort    10.110.94.211    <none>            80:32600/TCP,443:32601/TCP,443:32601/UDP,1024:31739/TCP  62s
[abdelrahim@localhost ~]$ kubectl get nodes -o wide
NAME      STATUS    ROLES    AGE   VERSION   INTERNAL-IP   EXTERNAL-IP   OS-IMAGE             KERNEL-VERSION        CONTAINER-RUNTIME
minikube  Ready     control-plane  47h   v1.32.0    192.168.49.2   <none>         Ubuntu 22.04.5 LTS   5.14.0-503.38.1.el9_5.x86_64  docker://27.4.1
[abdelrahim@localhost ~]$
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```
[abdelrahim@localhost ~]$ helm install haproxy-ingress-devops haproxytech/kubernetes-ingress --namespace haproxy-controller-devops-helm --set controller.service.type=NodePort --set controller.service.nodePorts.http=32600 --set controller.service.nodePorts.https=32601 --set controller.defaultBackend.enabled=true
NAME: haproxy-ingress-devops
LAST DEPLOYED: Mon Apr 28 14:53:54 2025
NAMESPACE: haproxy-controller-devops-helm
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
- name: https
  containerPort: 8443
  protocol: TCP
- name: stat
  containerPort: 1024
  protocol: TCP
- name: quic
  containerPort: 8443
  protocol: UDP
```

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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
[abdelrahim@localhost ~]$
```

[illegible]