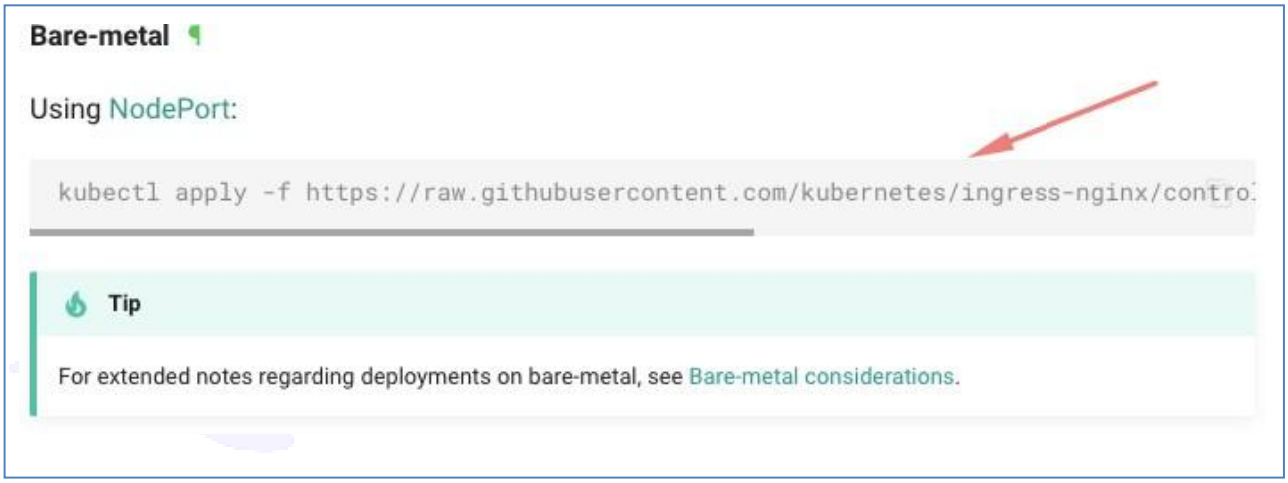
CREATING AN INGRESS

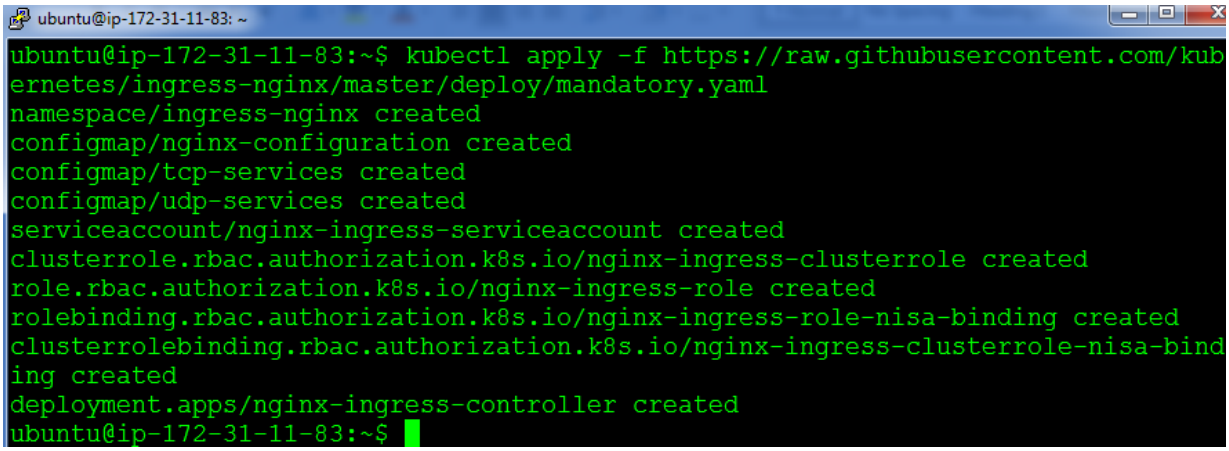
Steps for Master

Visit this website

https://kubernetes.github.io/ingress-nginx/deploy/#bare-metal

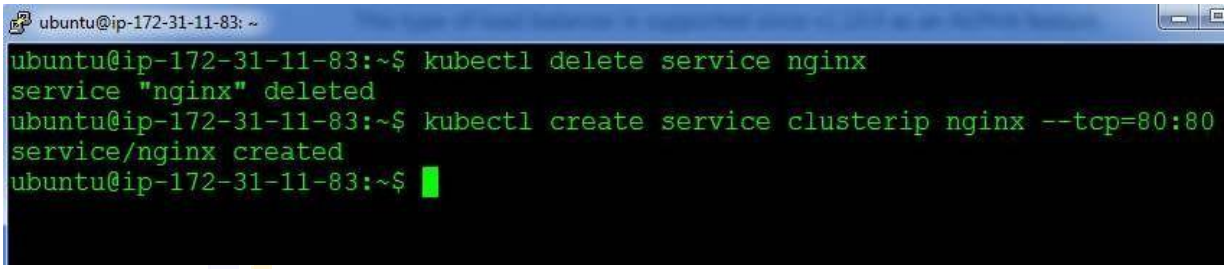
Step 1: Copy and paste the command from the above website and paste it in the terminal





Step 3: Next, since ingress routes to only cluster-ip services, let us delete our previously created nginx nodeport service and create a service with clusterip for nginx. Use the following commands:

```
$ kubectl delete service nginx

$ kubectl create service clusterip nginx –tcp=80:80
```

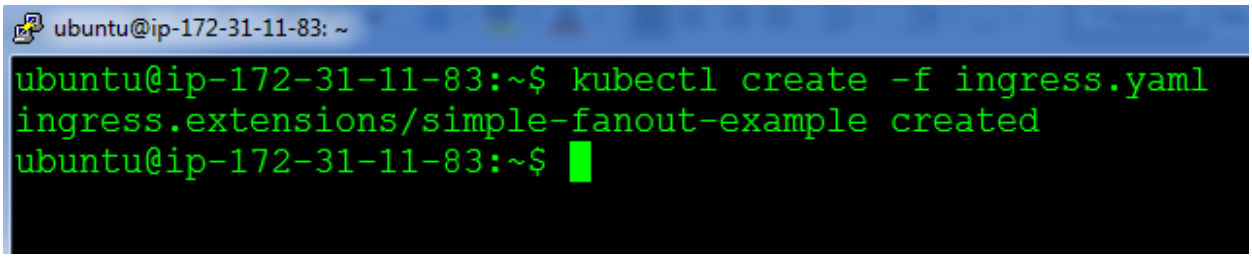


Step 4: Next, we will have to create an ingress rule, create an ***ingress.yaml*** file with the below code:

```
apiVersion: extensions/v1beta1

kind: Ingress

metadata:

 name: simple-fanout-example

 annotations:

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

spec:

 rules:

 - http:

    paths:

    - path: /nginx

      backend:

      serviceName: nginx

      servicePort: 80
```

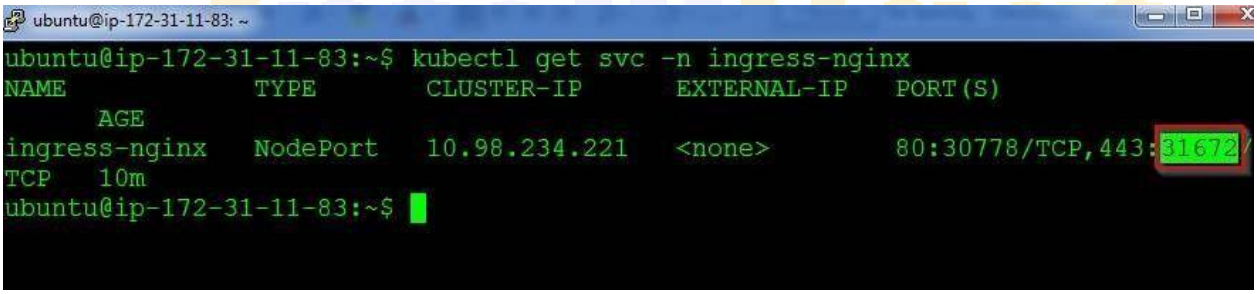
Step 5: Finally, create the ingress rule using the following command:

```
$ kubectl create –f ingress.yaml
```



Step 6: Let's verify if ingress is working or not, by checking the nodeport of the ingress service, for checking the nodeport use the following command:

```
$ kubectl get svc –n ingress-nginx
```



Step 7: Finally verify by browsing to https://<IP-address-of-master or slave>:<nodeport>/nginx