

Ingress

Deleting and Reinstalling NGINX Ingress Controller

```
kubectrl delete namespace ingress-nginx
```

```
kubectrl get all -n ingress-nginx
```

Applying NGINX Ingress Controller Manifests

```
kubectrl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/main/deploy/static/provider/cloud/deploy.yaml
```

```
kubectrl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/main/deploy/static/provider/baremetal/deploy.yaml
```

Checking Ingress Controller Status

```
kubectrl get pods -n ingress-nginx
```

```
kubectrl get svc -n ingress-nginx
```

```
kubectrl describe pod -n ingress-nginx
```

Applying Ingress Resource

```
nano ingress.yaml
```

```
kubectrl apply -f ingress.yaml
```

```
kubectrl get ingress
```

ingress.yaml

```
apiVersion: networking.k8s.io/v1
kind: Ingress
metadata:
  name: hello-world
spec:
  rules:
    - host: hello-world.example.com
      http:
        paths:
          - path: /
            pathType: Prefix
          backend:
            service:
              name: hello-world
              port:
                number: 80
```

Output:

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.