**Training &
Certification**

⌂ KUBERNETES FUNDAMENTALS (LFS258)

SUPPORT   SIGN OUT

INGRESS
Ingress

nginx

Deploying an nginx controller has been made easy through the use of provided YAML files, which can be found in the ingress-nginx/docs/deploy GitHub repository.

This page has configuration files to configure nginx on several platforms, such as AWS, GKE, Azure, and bare metal, among others.

As with any Ingress Controller, there are some configuration requirements for proper deployment. Customization can be done via a ConfigMap, Annotations, or, for detailed configuration, a custom template:

- Easy integration with RBAC

- Uses the annotation `kubernetes.io/ingress.class: "nginx"`

- L7 traffic requires the `proxy-real-ip-cidr` setting

- Bypasses kube-proxy to allow session affinity

- Does not use `conntrack` entries for iptables DNAT

- TLS requires the host field to be defined.