

# Future-Proof Your Ingress Controller

Even if you're just starting to dabble in Kubernetes, there's a good chance you aspire to put it into production someday.

There are four main areas where your needs are likely to grow over time.

## 01

### Infrastructure

#### Will You Use Kubernetes in Hybrid- or Multi-Cloud Environments?

It's rare for an organization to be fully and permanently committed to one type of environment. Choose an infrastructure-agnostic Ingress controller from the start, allowing you to use the same tool across all your environments.

## 02

### Security

#### How Will You Secure Kubernetes from the Inside?

Kubernetes apps are best protected when security – including authentication and authorization – is close to the apps. Centralizing security (authentication, authorization, DoS protection, web application firewall) at the point of Ingress makes a lot of sense from the standpoint of both cost and efficiency.

Click here to learn more at [nginx.com](https://nginx.com)

## 03

### Support

#### How "On Your Own" Can You Afford to Be?

Workaround and waiting on community support is okay when you're running small deployments but it's not sustainable when you move to production. Choose an Ingress controller that allows you to add support in the future – or have an inexpensive support tier that can be upgraded as you scale.

## 04

### Multi-Tenancy

#### How Can Multiple Teams and Apps Share a Container Environment Safely and Securely?

When your services and teams grow in size and complexity, you'll probably turn to multi-tenancy to achieve maximum efficiency. Some Ingress controllers can help you carve up those clusters through a number of features and concepts: multiple ingresses, classes, namespaces, and scoped resources that support setting role-based access controls (RBAC).

