

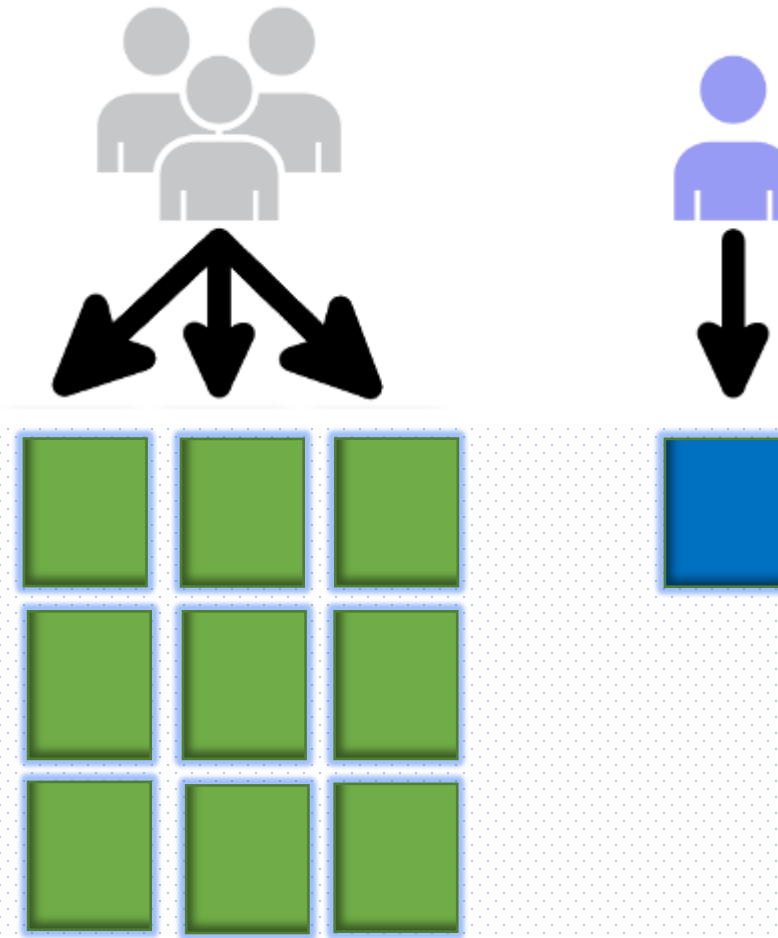
Optimal Canary Deployments using Istio and how it scores over Spring Cloud and Kubernetes

Presented by Archana Gupta

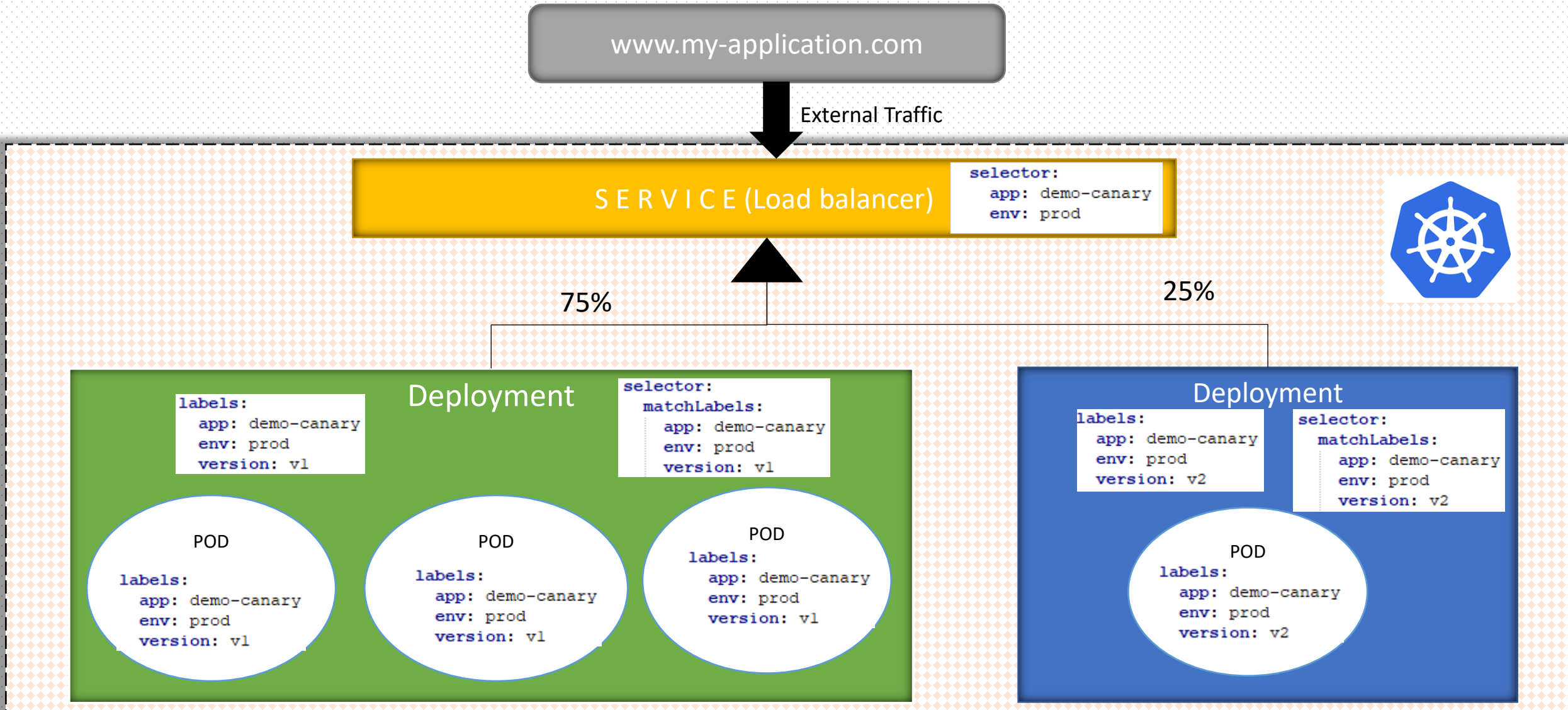
The bottom of the slide features two overlapping blue rectangular bars. The first bar is a solid blue rectangle extending across the width of the slide. The second bar is a slightly darker blue rectangle that overlaps the first one from the right side, creating a layered effect.

What is a Canary Release or Deployment?

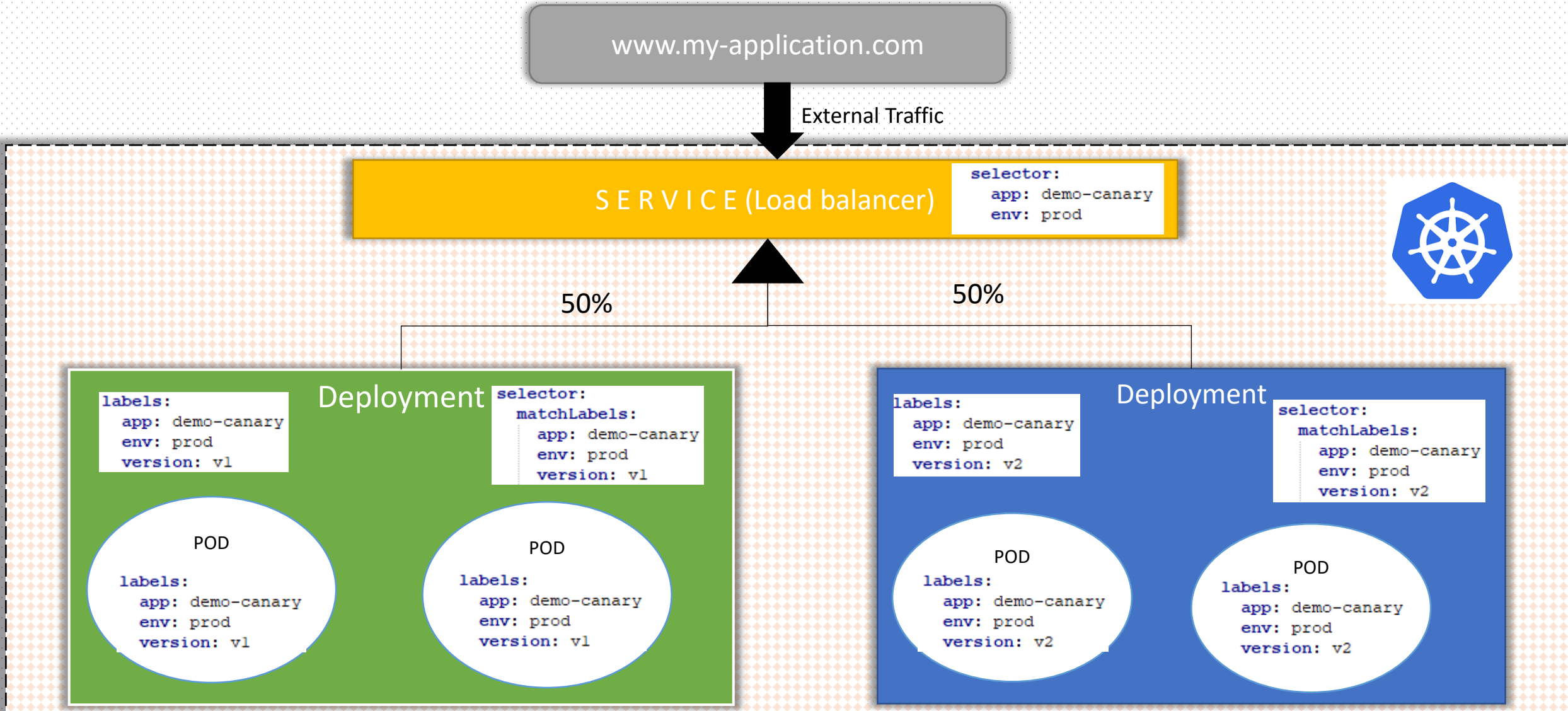
- A **canary deployment**, or **canary** release, is a **deployment** pattern that allows you to roll out new code/features to a subset of users as an initial test.



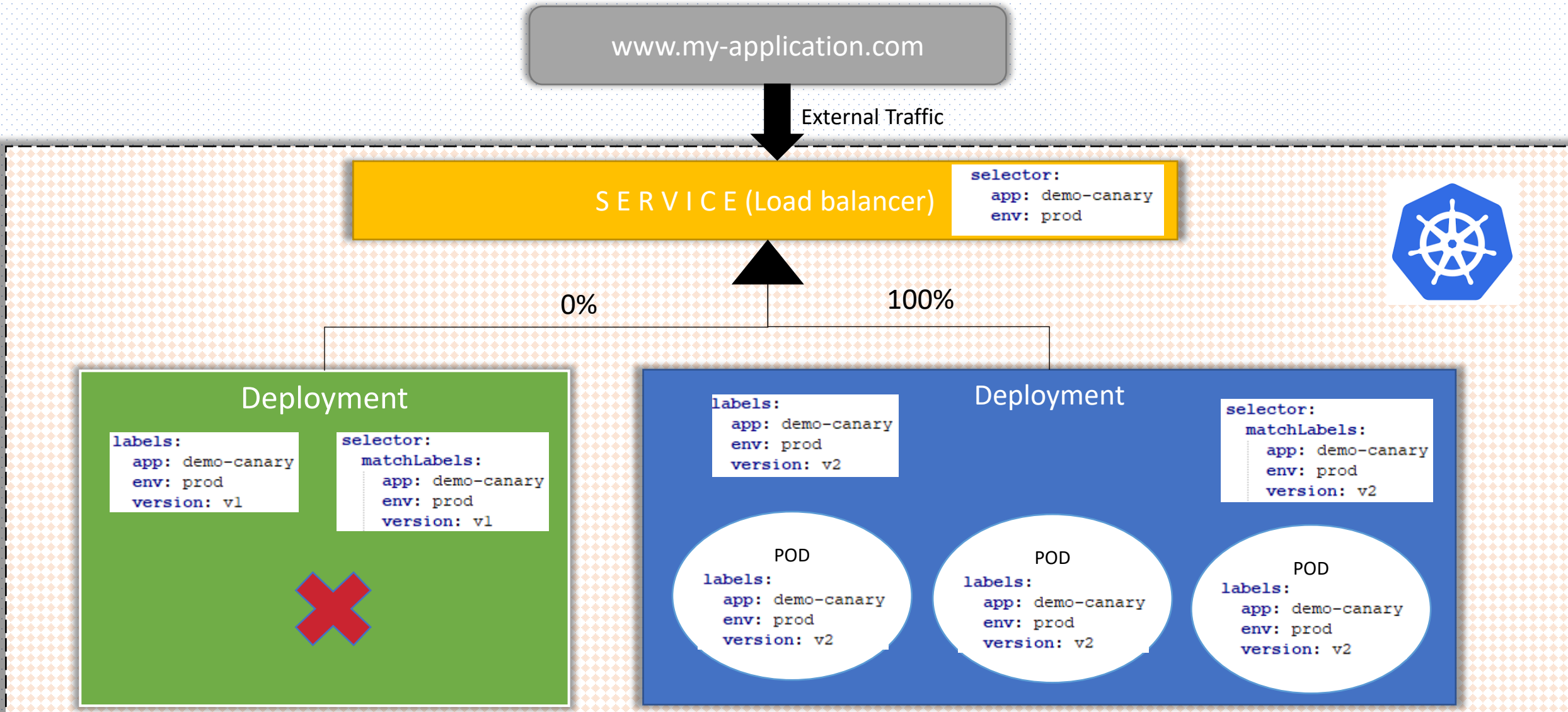
Canary Releases Using Kubernetes



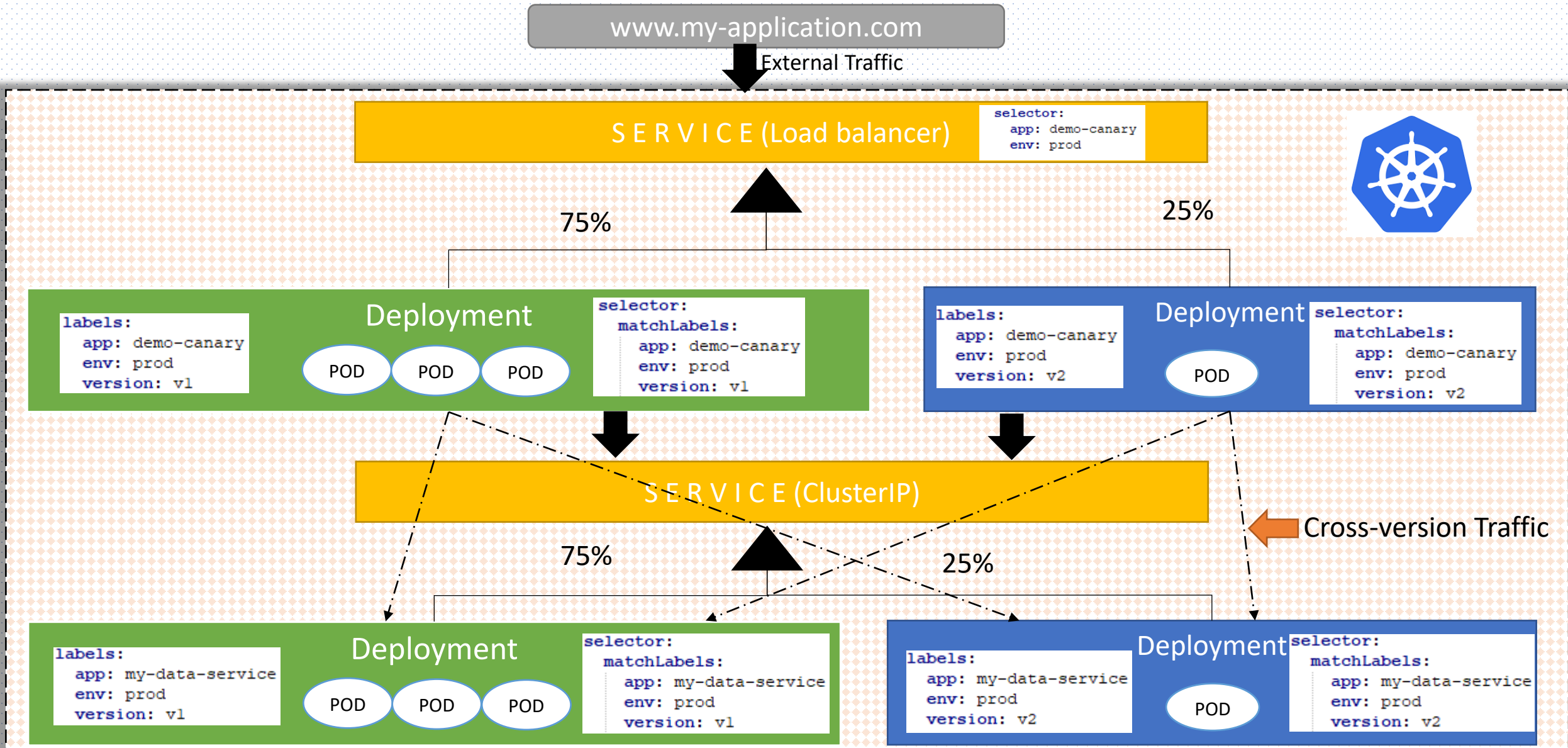
Canary Releases Using Kubernetes



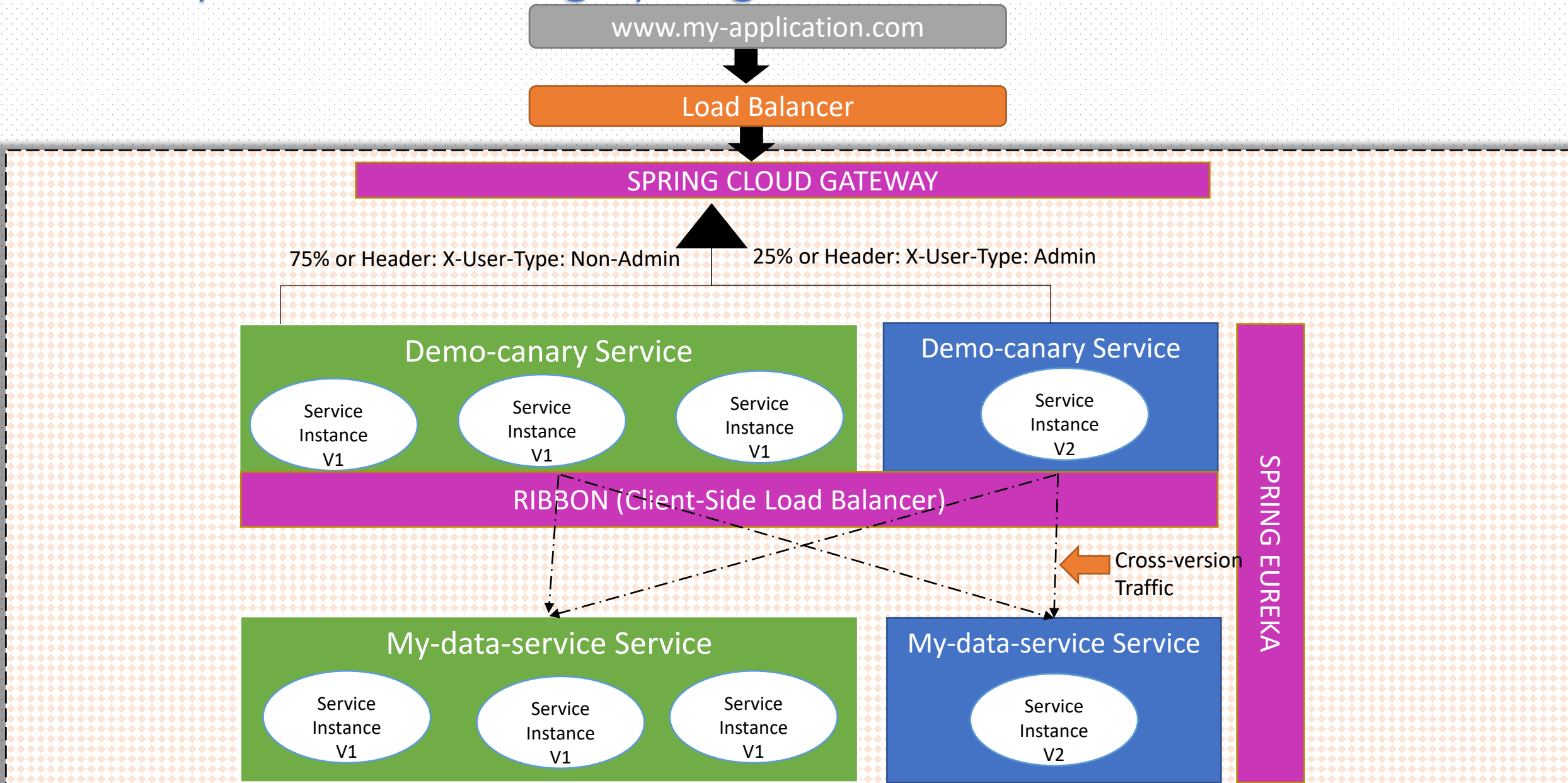
Canary Releases Using Kubernetes



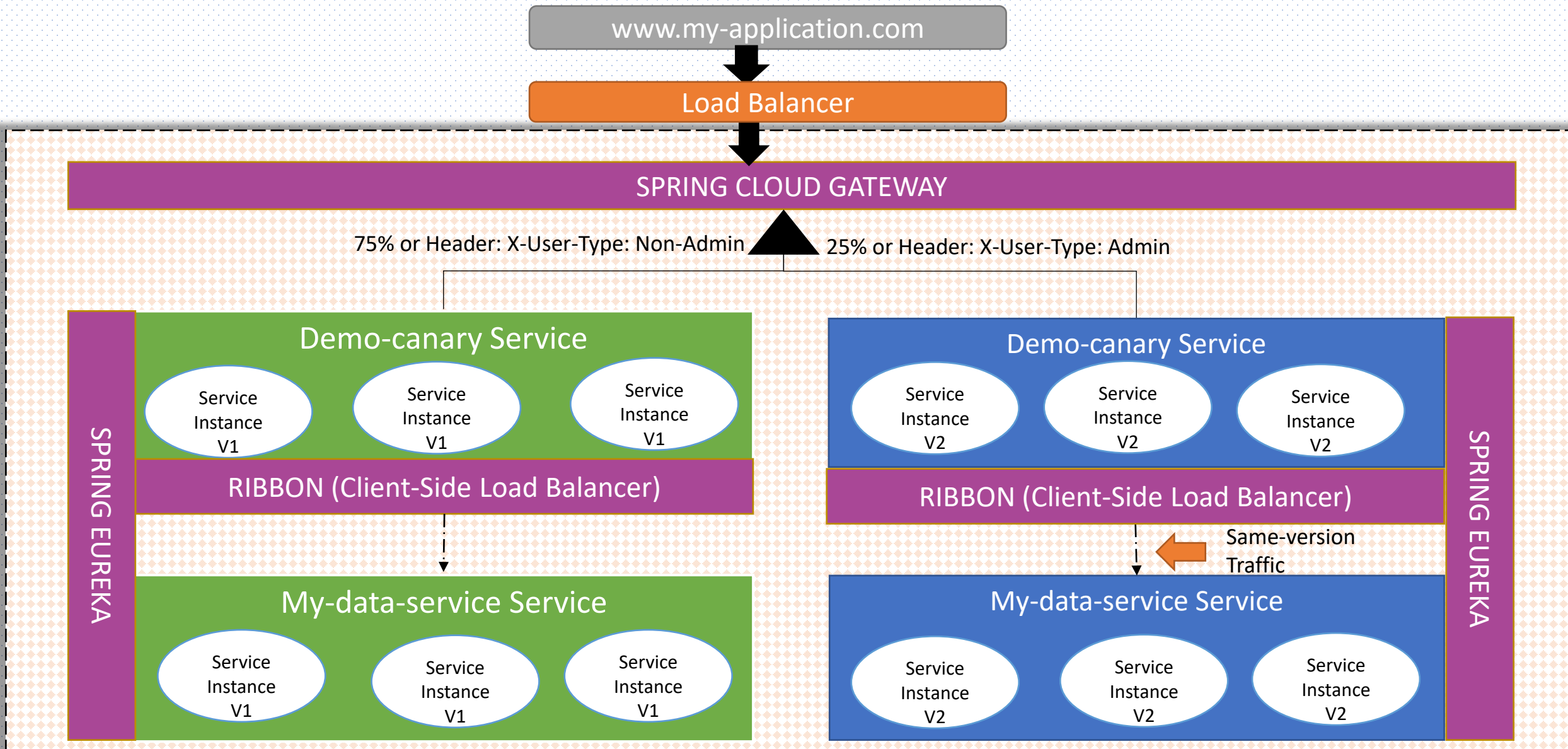
Canary Releases Using Kubernetes – Across application Layers



Canary Releases Using Spring Cloud



Canary Releases Using Spring Cloud – Across application Layers using Blue-Green Deployment



Canary Releases Using Istio with Kubernetes – Across application Layers

