

Use Ingress Rules to Expose Applications



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Agenda



Understanding Kubernetes Ingress

Working with Kubernetes Ingress

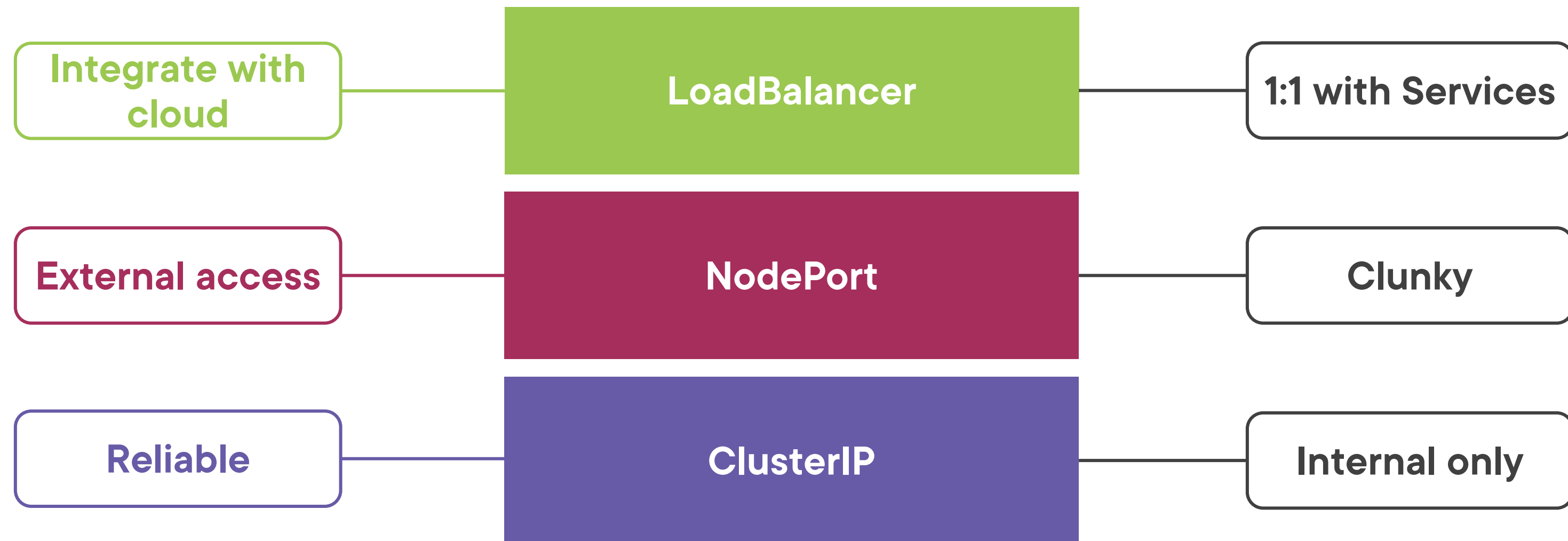
Exam Scenarios

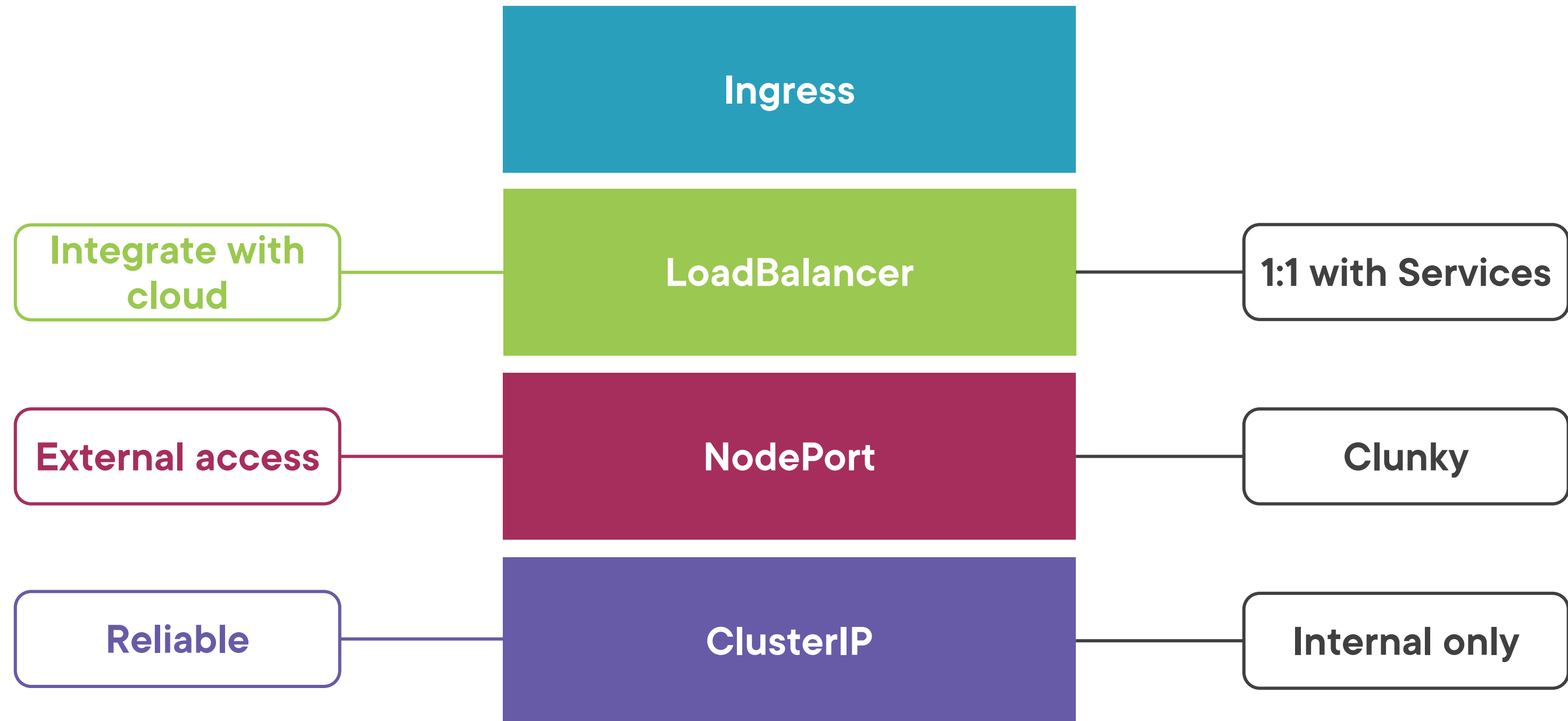
Recap and Test Yourself

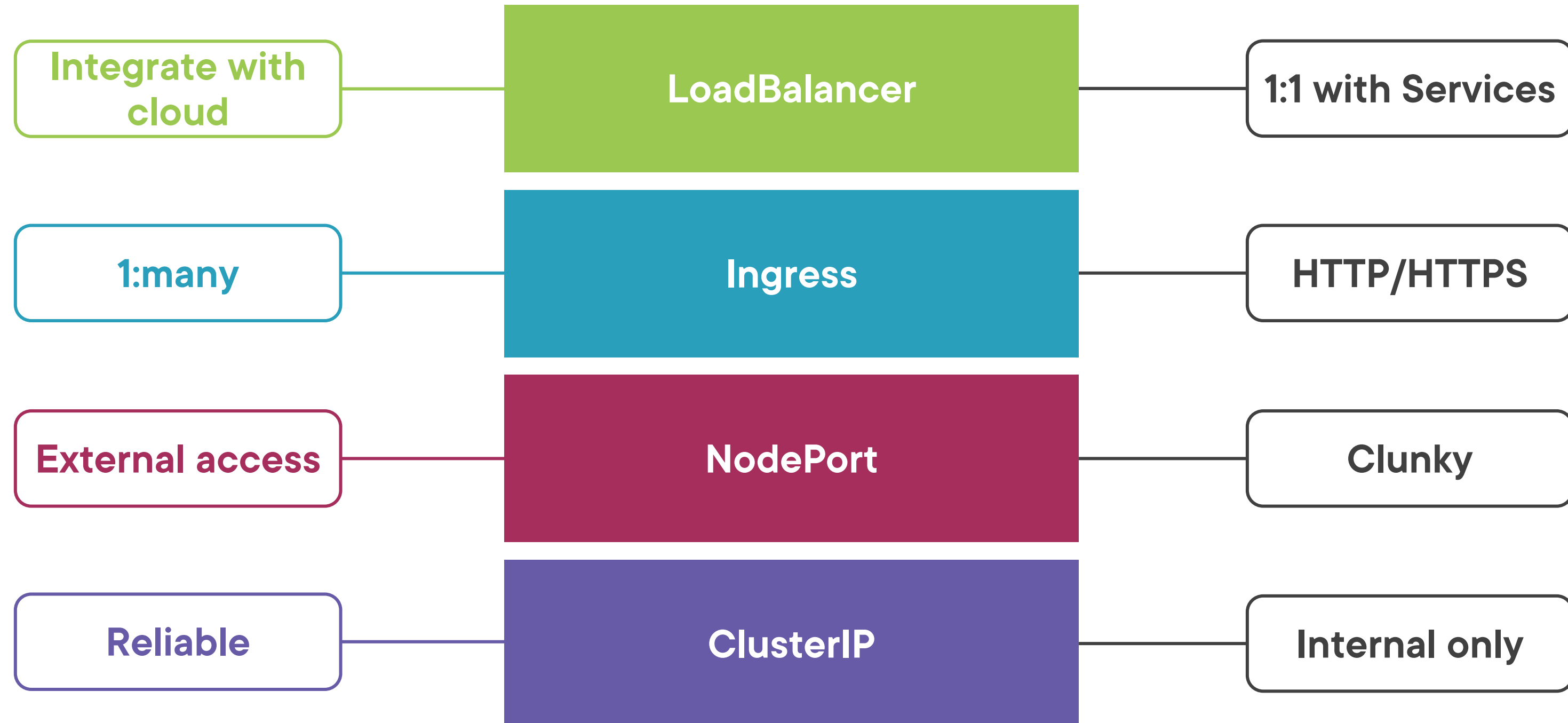


Understanding Kubernetes Ingress









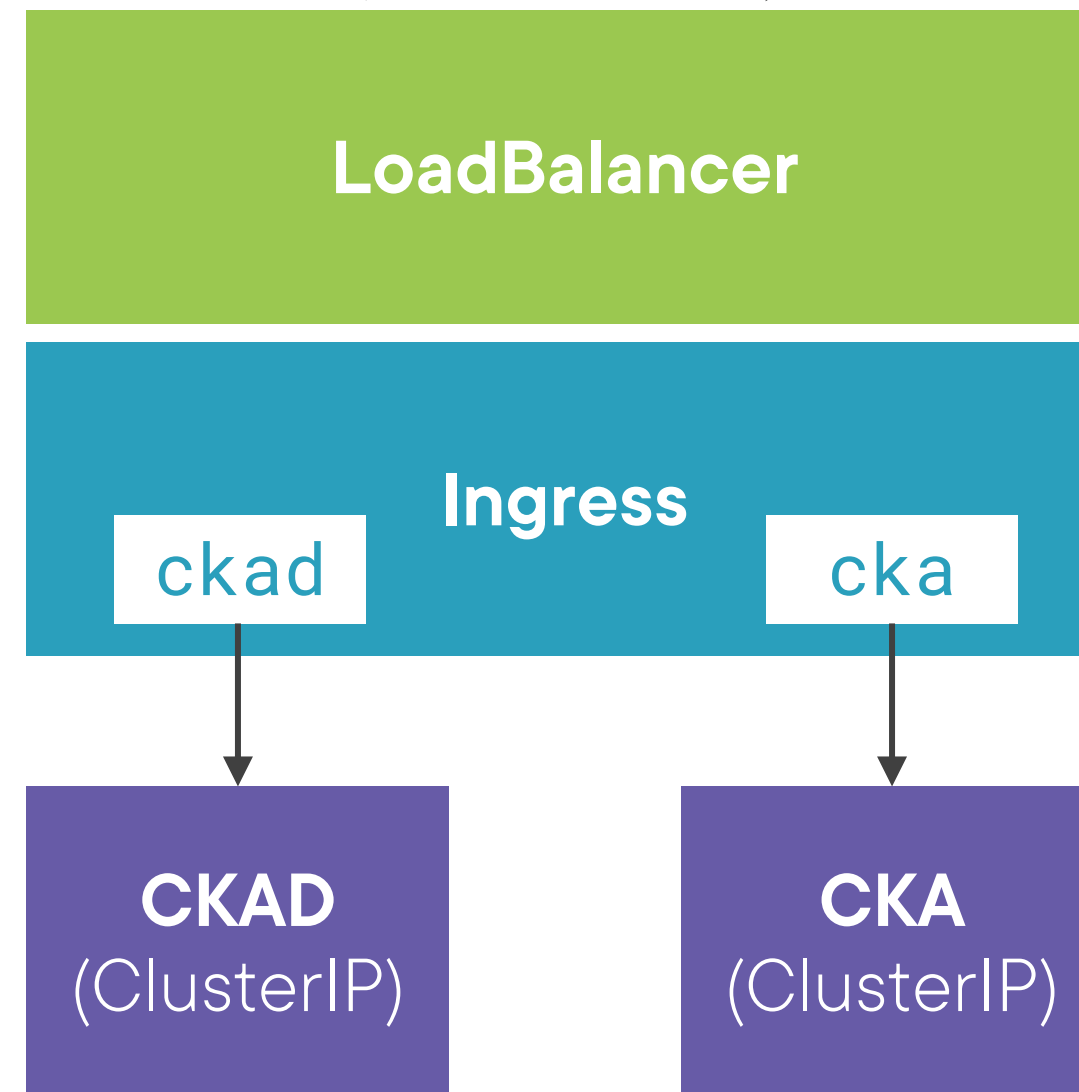
LoadBalancer

ClusterIP



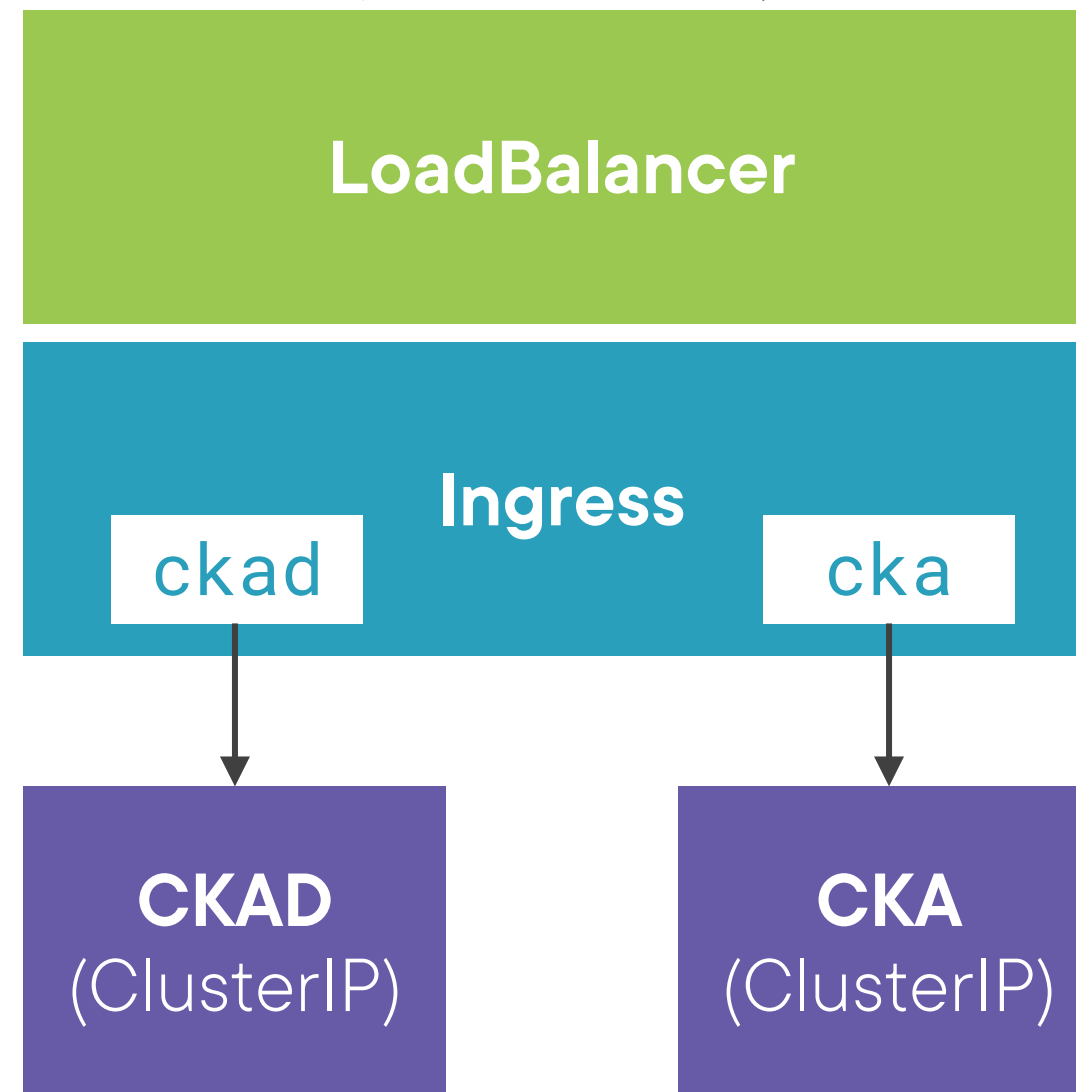
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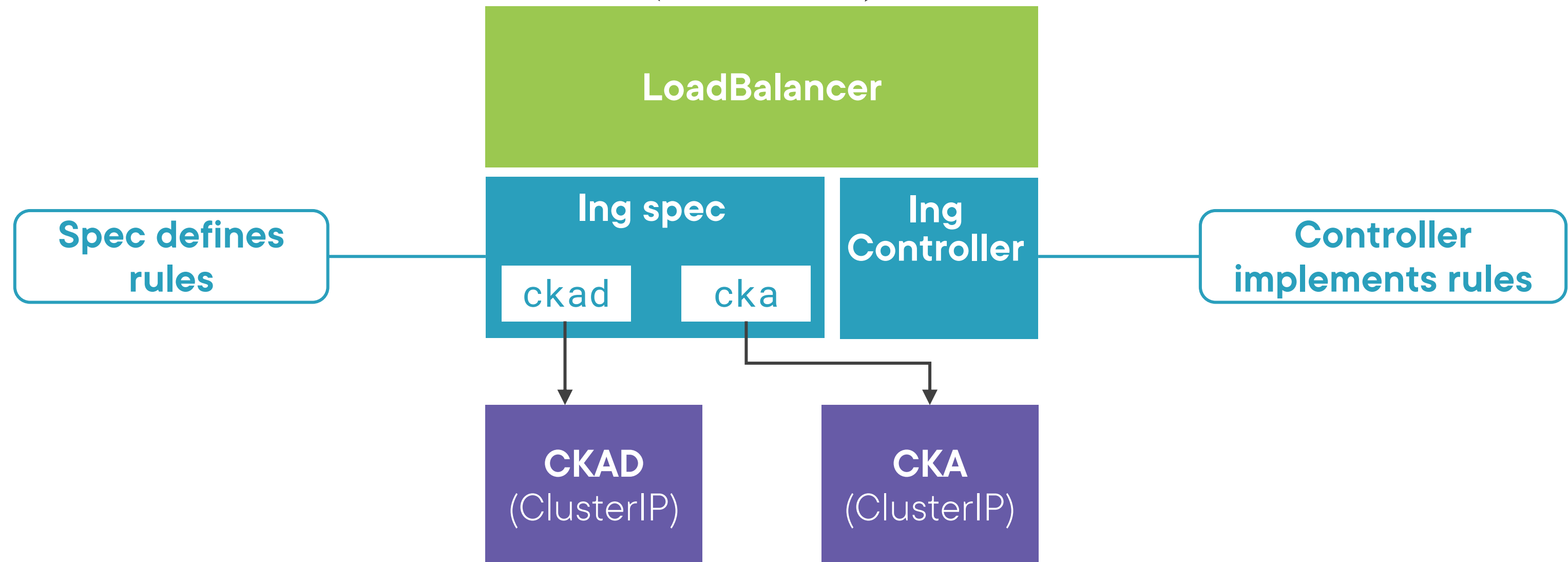
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Working with Kubernetes Ingress



Exam Scenarios



← Prev.

☑️☐☐ Task 1 of X

Next →

Task weight: 6%



Cluster: ckad0014
Namespace: pluralsight
Doc links: Services, Ingress

There's an app running in the **pluralsight** namespace. It has two ClusterIP Services called **svc-videos** and **svc-books**. Both need exposing to the internet.

Task

Create and deploy a solution that handles incoming web traffic for both Services via a single load balancer IP. Web traffic coming to **videos.app.com** should be routed to **svc-videos**. Web traffic coming to **books.app.com** should be routed to **svc-books**



← Prev.

☑☐☐ Task 2 of X

Next →

Task weight: 6%



Cluster: ckad0014
Namespace: ckad
Doc links: Services, Ingress

There's an app deployed comprising two Deployments, one StatefulSet, three Services, and an Ingress.

All resources are deployed, and all YAML files are in your working directory. However, the Ingress is not getting a LoadBalancer IP.

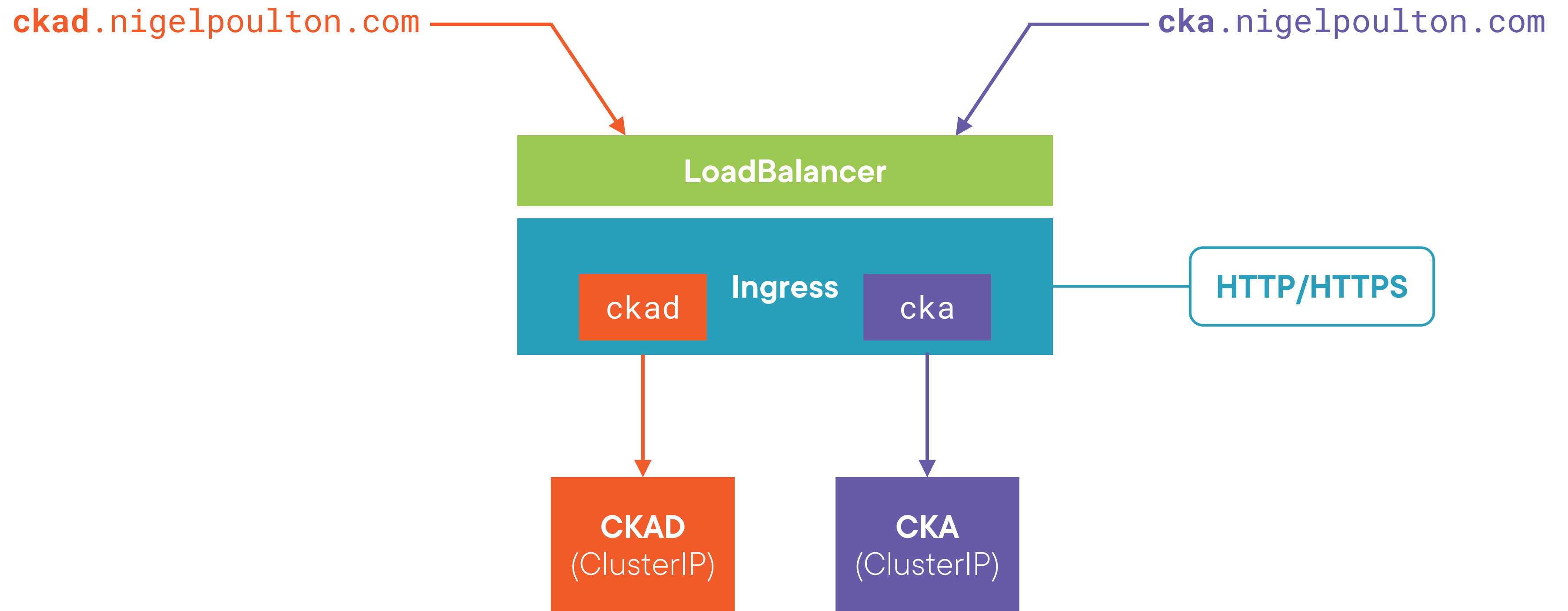
Task

Resolve the issue so that the Ingress connects to a load-balancer and gets an IP address.



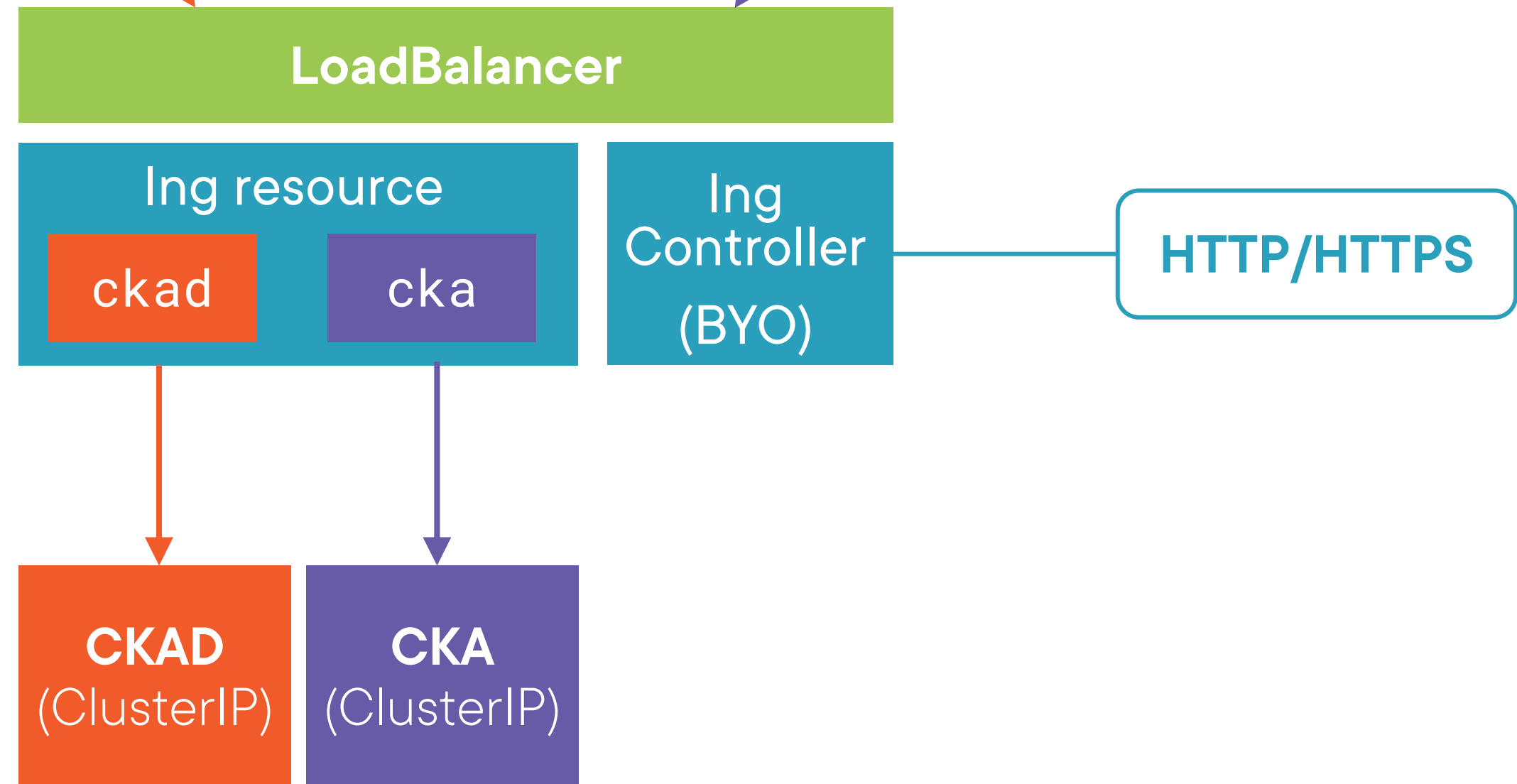
Recap and Test Yourself

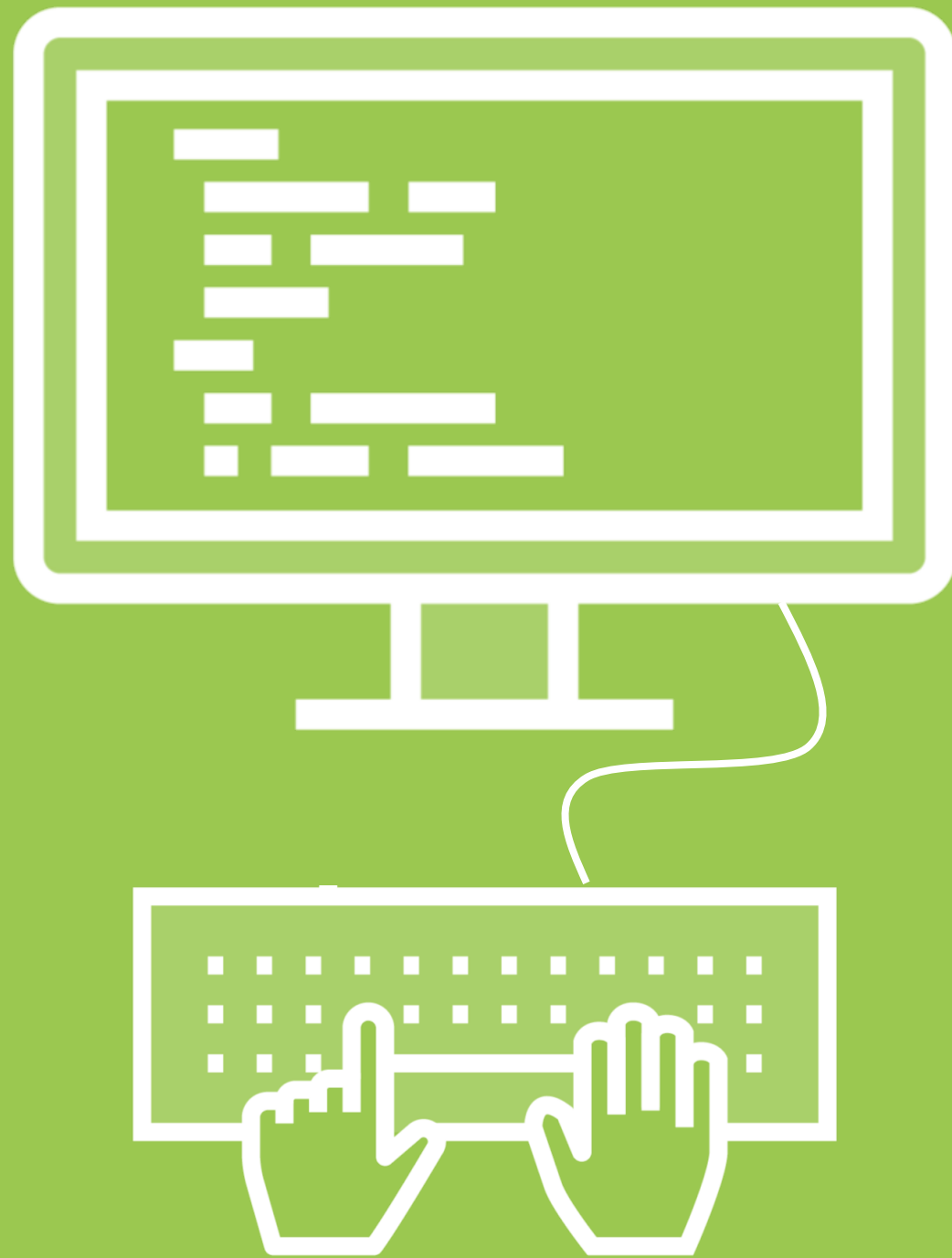




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GitHub Repo

<https://github.com/nigelpoulton/ckad>

Navigate to:

- 5 Services and Networking
- 4 Use Ingress Rules to Expose Applications





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