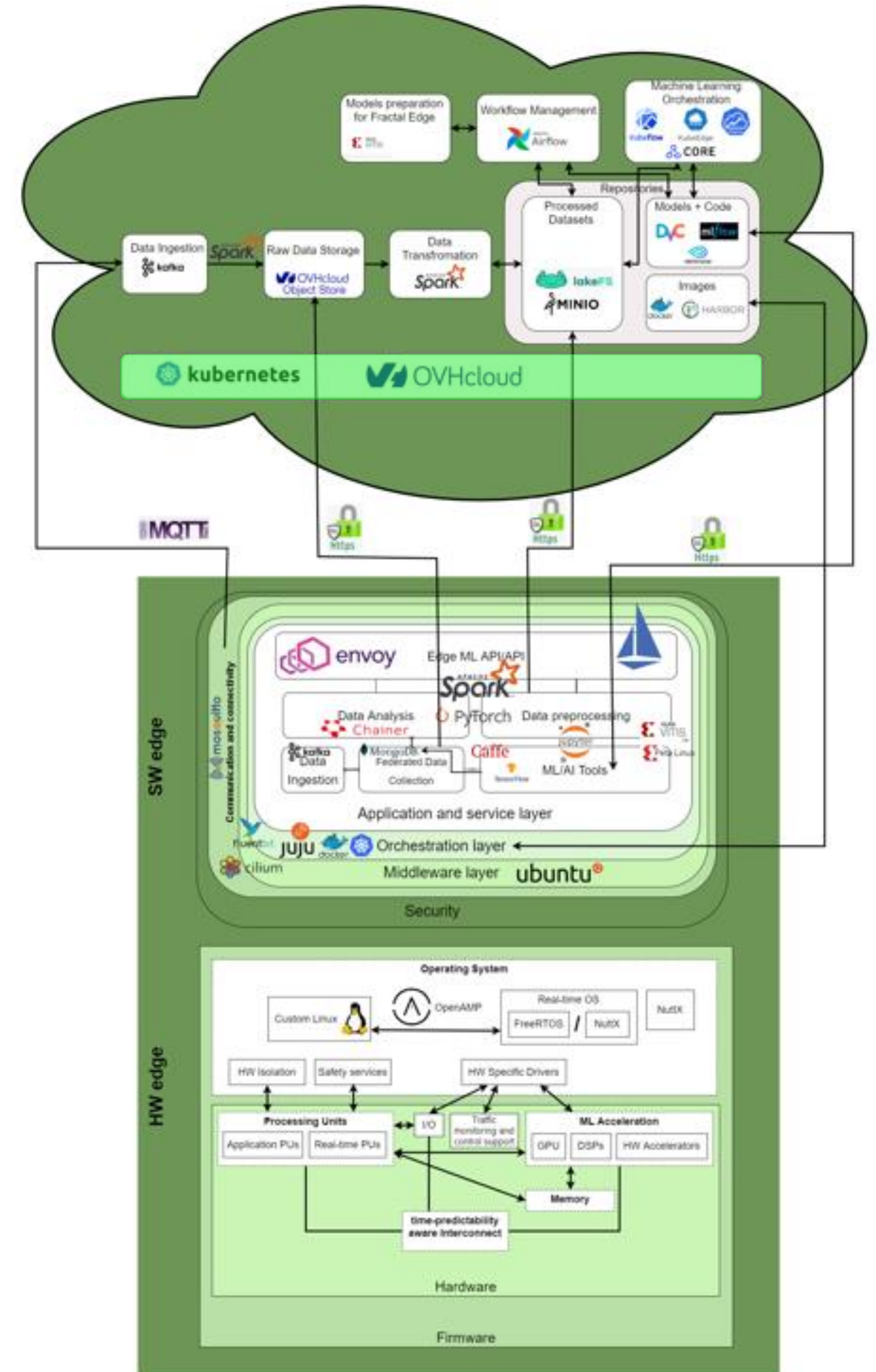




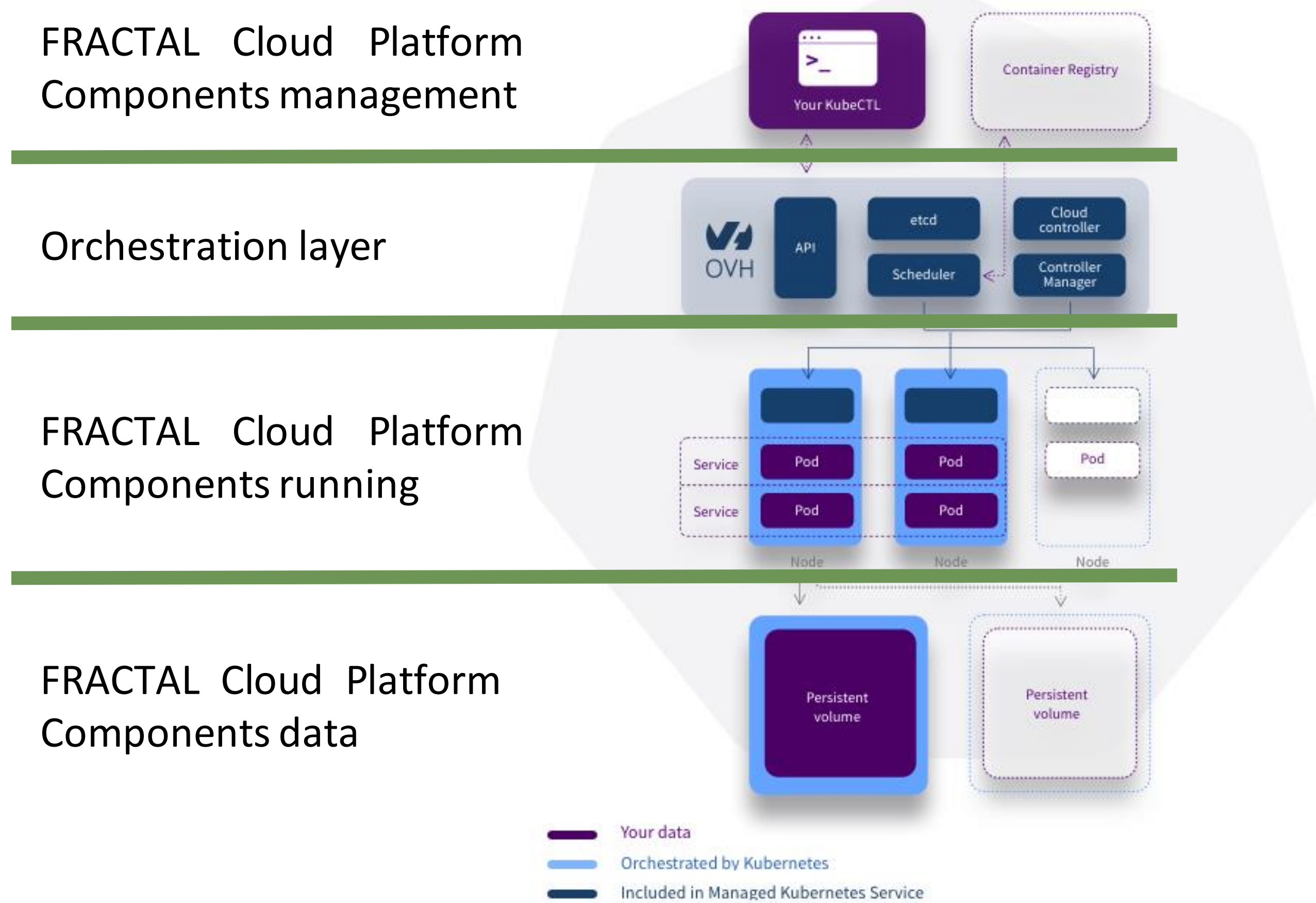
Component description

Component location

- Objective of the component: manage and execute the different services on the FRACTAL Cloud Platform developed alongside the different partners of the FRACTAL project
- Fractal Features associated:
 - FRACTALITY --> ORCHESTRATION --> SERVICES
- Integration: all the components on the cloud & edge components that communicate with the cloud
- This component is an inherent part of the FRACTAL Cloud Platform so it will be implicitly used if any component of the cloud is needed. No integration will be required to use this component.



Images/Diagrams to describe the component and its processes



Get started

These steps are required to deploy services, use cases will NOT need to deploy any service because all components of the FRACTAL Cloud Platform will be already available for them

Two ways to deploy services:

Using YAML files

```
kubectl apply -f example-service.yml
```

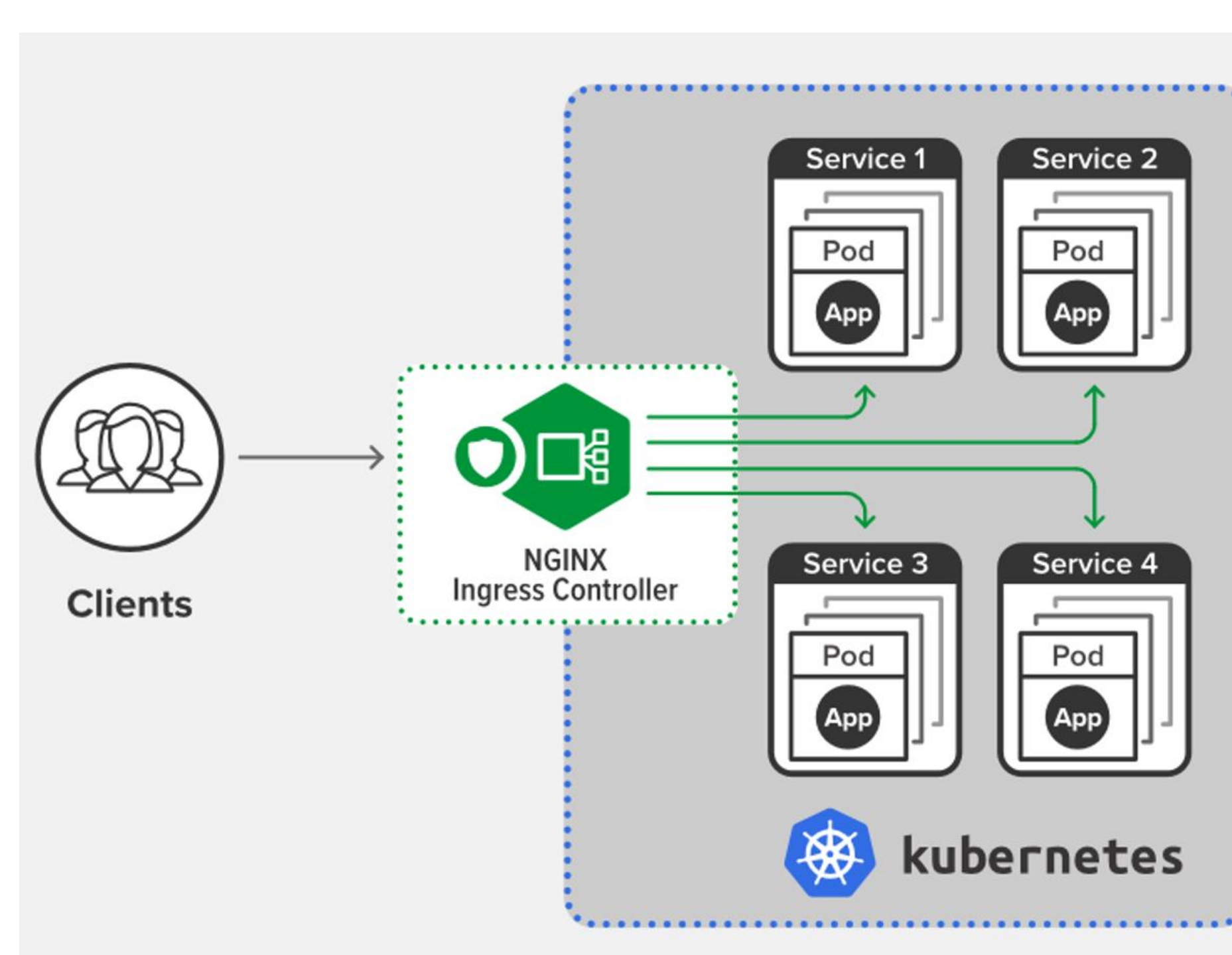
Using Helm Chart

```
helm install -f lake.yml lakefractal/lakefractal --version 0.5.56
```

Way to expose services:

Using an Ingress Controller

```
kubectl apply -f https://raw.githubusercontent.com/kubernetes/ingress-nginx/controller-v0.44.0/deploy/static/provider/cloud/deploy.yaml
```



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