Why Kubernetes?

Here are some of my reasons

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Cloud agnostic

I wanted a Cloud agnostic solution to allow flexibility and to ensure that we were not locked in for the long term. I also wanted freedom of choice around our cloud preferences. It was important for us to be able to easily adapt to price and technology changes.

Container-based

It needed to be container-based to easily support new architectures, such as microservices, etc.

Scalability

Scalability was very important, the platform had to be able to handle high volumes/loads and give us the ability to scale up and down automatically.

kubernetes

Long-term

The project was strategic, so whatever we were using had to have "legs". I needed to pick a long-term horse, not a fly-by-night technology.

Tried & tested

It had to be production hardened, already tried & tested, and not too experimental.

Kubernetes was first developed and used by Google at scale, this gave me confidence and a great starting point.

Fully automated

I wanted the team to stay focused, so the platform had to enable fully automated deployment to avoid manual intervention and the risk of manual errors.

Minimal BAU Support

A bonus is the solution requires little BAU support to reduce ongoing resourcing costs.

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