

Azure Kubernetes Service

infrastructure

Security

Authentication

Observability

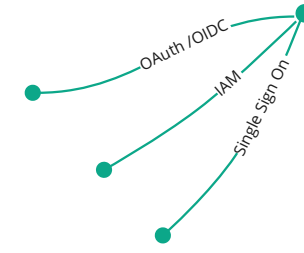
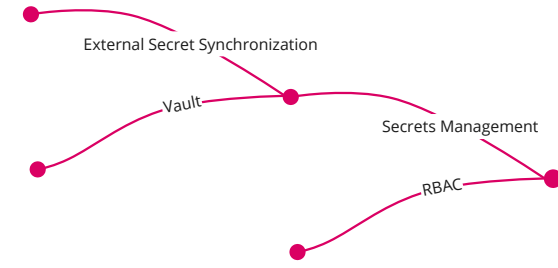
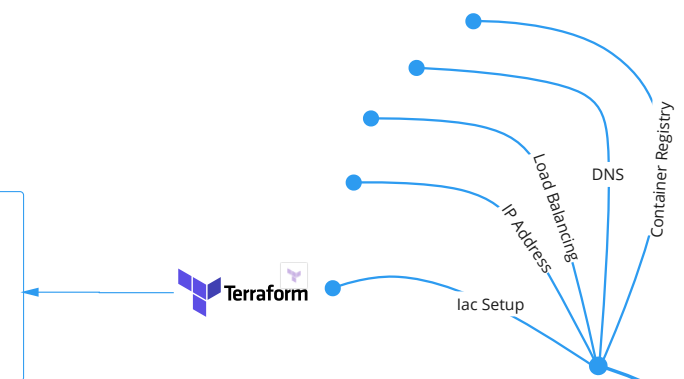
Releases & Deployments

Development



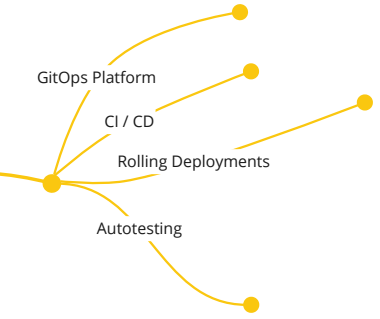
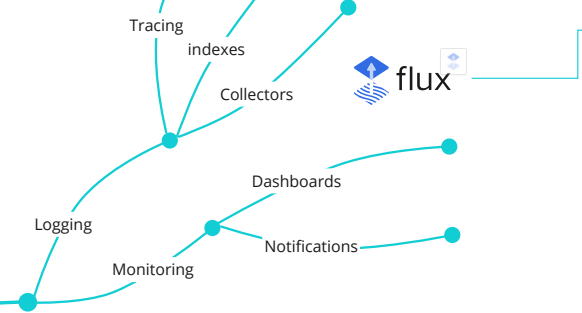
Terraform

Terraform is used to automate cloud infrastructure in the azure-infra repo. While you do not need to become a Terraform expert, you should familiarize yourself with the basic workflow of Terraform before making any changes.



flux

Flux is a tool for keeping Kubernetes clusters in sync with sources of configuration (like Git repositories), and automating updates to configuration when there is new code to deploy.



Istio

Istio is the service mesh used by Knative to manage traffic ingress, routing, secure service->service communication, and more. Istio is also a big topic, but this introduction should suffice for basic operations.



Knative

Knative forms the foundation of a simplified application platform on top of Kubernetes. Currently, we only use the "Serving" component. To get a very high-level overview, see the "Knative Serving" section of this introduction.

