

Case study

Your goal

Setup a vanilla kubernetes cluster (kubeadm, k3s, microk8s) in AWS and deploy a functioning application following the best practices.

The solution must be:

- Reachable from the internet
- Capture and use an application to display structured logs
- CI/CD pipeline
- At least one customized alerts for the application
- All infrastructure components must be declared with a IaC tool (Terraform is preferred)

The application to be deployed you can find on the repository:

<https://github.com/dockersamples/example-voting-app>

You should use the AWS Free Tier Services. If this is not possible for any reason, contact us so we can reach a better accommodation.

If you have any questions, feel free to contact us.