Technical Task for CX Candidates

Intro

This task should take somewhere between 2 - 4 hours.

Instructions

Clone weaveworks-cx-task repository and copy the contents to a private github repository. The email containing these instructions will include the github identities of the Weaveworks employees who will be assessing your solution, please add them to your repository as collaborators.

Deploy a Kubernetes cluster using your local machine, public cloud or internal resources, Weaveworks interviewers do not need access to it.

Using the gitops paradigm deploy cluster addons and a sample application.

The addons directory of the task repository contains some suggested addons but feel free to omit any of these or to deploy others as you see fit.

Configure the cluster to add a user who can only access the "guestbook" namespace and use that user to deploy the GuestBook sample application in the same namespace. This should be deployed with multiple replicas to support availability and performance. Also make it available to clients external to the cluster.

Feel free to make improvements to any of the files provided or extend the task in any way that you like. Add notes on your approach, progress and issues you encountered to the README.md file if you like.