**Fine-grained authorizations with OSM (45’)**

**Exercise 1 – bbox1 to API**

In this exercise, you must create a deployment using this image: stephaneey/osmapi:dev. This API supports two operations:

* GET http://<service>/osm
* DELETE http://<service>/osm/1

Create a busybox deployment (bbox1) with the image governmentpaas/curl-ssl and make sure to pass the following command to the container: ["/bin/sleep", "30d"].

At last, create a K8s service to expose the API on port 80.

Exec into the busybox and curl the two endpoints listed above. Everything should work. Now, disable enablePermissiveTrafficPolicyMode in the global mesh config. Try to curl again, everything should fail.

Now create both a HTTPRouteGroup and a TrafficTarget to allow bbox1 to consume both operations.

Tips:

* You will need 2 deployments and 1 service
* You will need to update the global mesh config
* You will need an HTTPRouteGroup and one TrafficTarget

**Exercise 2 – allow bbox2 to consume only the GET operation**

Now, create another deployment named bbox2 which should only be able to call the GET operation but not the DELETE one. Meanwhile, bbox1 should still be able to call both operations.