Application Source is available at <https://github.com/suresram>

Install the application in the following order –

* [travel-management-config-server](https://github.com/suresram/travel-management-config-server) – which uses the config repo - <https://github.com/suresram/travel-management-config-repo>
* [travel-management-eureka-server](https://github.com/suresram/travel-management-eureka-server)
* [travel-management-zuul-server](https://github.com/suresram/travel-management-zuul-server)
* [travel-management-auth-server](https://github.com/suresram/travel-management-auth-server)
* [travel-management-trip-query-api](https://github.com/suresram/travel-management-trip-query-api)
* [travel-management-ui](https://github.com/suresram/travel-management-ui)

# Steps to build and deploy the applications in Openshift

**Deploy Config Server**

1. Create a new project in openshift

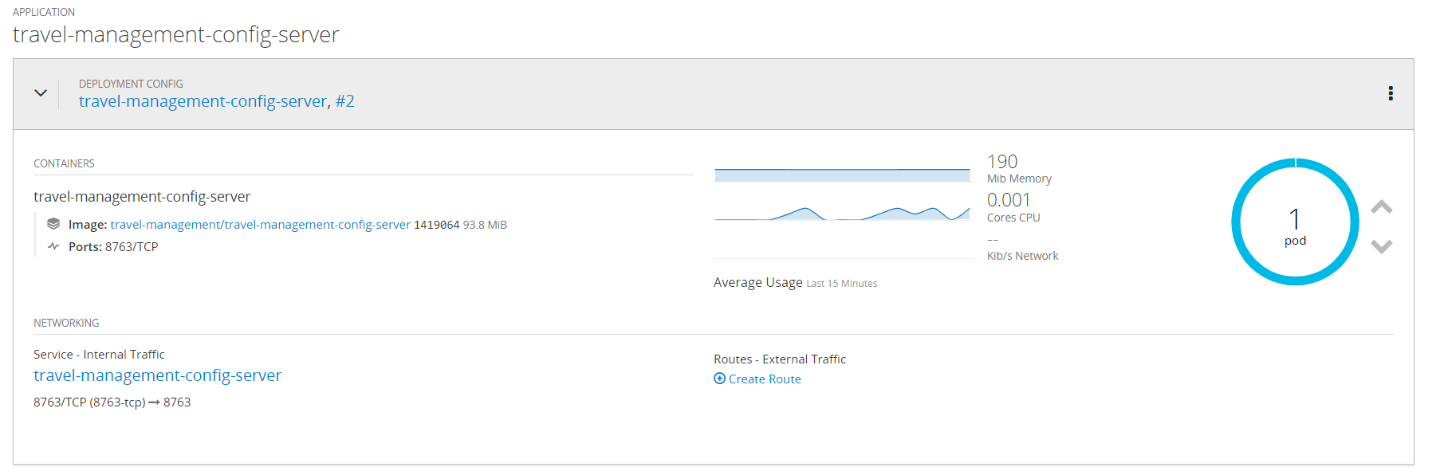
oc new-project travel-management

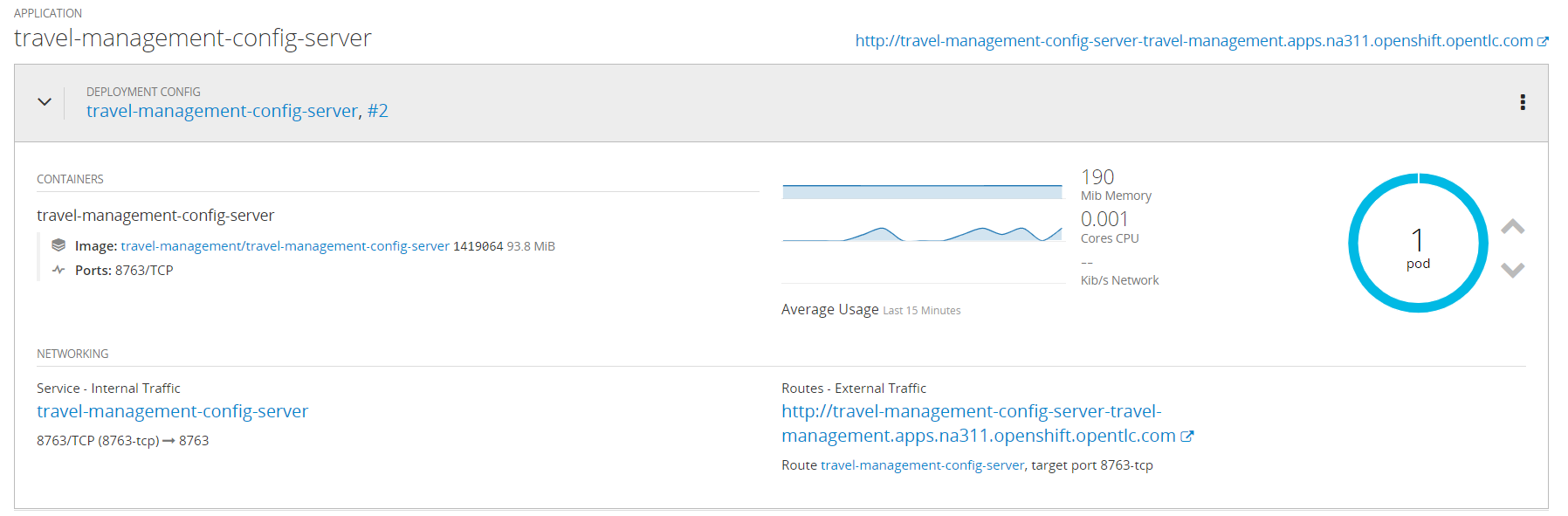
1. Create a new build

oc new-build https://github.com/suresram/travel-management-config-server.git

This will pull the docker file from the git repo, build the image and deploy the application in openshift. Docker file is available at - <https://github.com/suresram/travel-management-config-server/blob/master/Dockerfile>

1. Click “Create Route” to create route so that the application is available via internet.

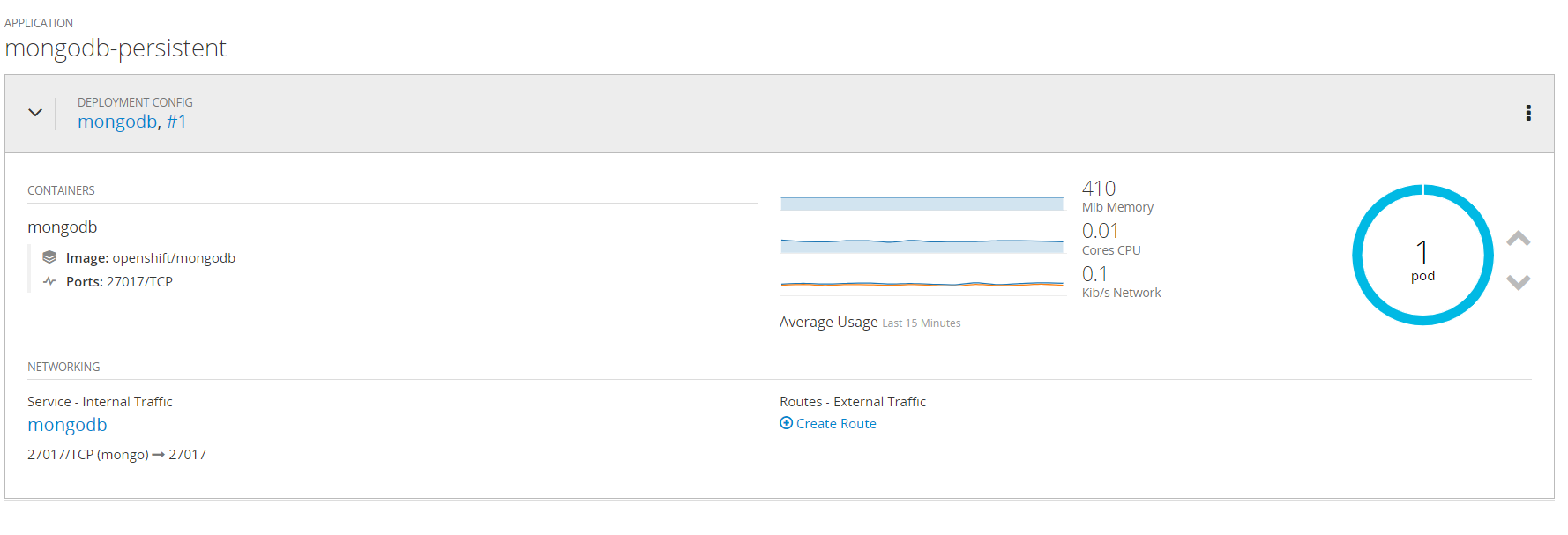




**Deploy Mongo**

Run the following command to deploy Mongo DB. The MongoDB openshift template is present in the following location. <https://github.com/suresram/openshift/blob/master/mongo.yaml>

oc new-app /home/suresh.r-cognizant.com/mongo.yaml



**Deploy other services and UI application as mentioned in order**

**Configure Services to use Openshift MongoDB**

Configure the mongodb ui as follows. Here “mongodb” is the openshift mongodb service ID. Refer the above screenshot – Under Networking Section.

|  |
| --- |
| spring: |
|  | data: |
|  | mongodb: |
|  | uri: mongodb://${database-user}:${database-password}@mongodb/${database-name} |

The services that use mongodb should have the placeholder properties (username, password, database) defined.

In Deployment Config – Under Environment section – Click Add value from config map or secret and define the following properties.

