

# Dev-Ops Home Assignment

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1. Create a local k8s cluster based on the following tutorial: [Express.js And MongoDB REST API Tutorial](#)
  1. Clone the git repo into your local machine.
  2. Create Dockerfile for the app and server directories  
**Note:** make sure you choose the right base image for each.
  3. Create a k8s cluster based on the provided topology (see the image below) with a MongoDB container instead of the Atlas instance that was mentioned in the tutorial.
2. Create a k8s Job/App (written in your preferred Coding/Scripting language) containing the following steps:
  1. Import the provided ([Link for Dump](#)) MongoDB Dump into the MongoDB instance in the k8s cluster.
  2. Communicate with the API and do the following:
    - Create a new post.
    - List all the available posts and Save the results into CSV file.

