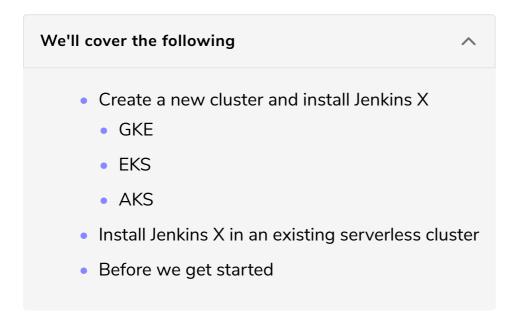
Creating a Kubernetes Cluster with Jenkins X and Importing App

This lesson provides the link to gists that you can use to create a Kubernetes cluster with Jenkins X. Moreover, it also gives some steps to follow before we continue with the chapter.



This part is getting boring, but it might be necessary if you destroyed the cluster or uninstalled Jenkins X at the end of the previous chapter. Long story short, create a new Jenkins X cluster unless you kept the one from before.

All the commands from this chapter are available in the 08-pr.sh Gist.

Create a new cluster and install Jenkins X

For your convenience, the Gists from the previous chapter are available below as well.

GKF #

Create a new serverless **GKE** cluster: gke-jx-serverless.sh



EKS

Create a new serverless **EKS** cluster: eks-jx-serverless.sh



AKS

Create a new serverless **AKS** cluster: aks-jx-serverless.sh



Install Jenkins X in an existing serverless cluster

Use an existing serverless cluster: install-serverless.sh

Before we get started

We'll continue using the *go-demo-6* application. Please enter the local copy of the repository, unless you're there already.

cd go-demo-6

The commands that follow will reset your master with the contents of the dev branch that contains all the changes we did so far. Please execute them only if you are unsure whether you did all the exercises correctly.



```
git checkout master

git merge dev-tekton

git push
```

If you have restored a branch at the beginning of a chapter, the chances are that there is a reference to my user (vfarcic). We'll change that to the Google project since that's what Knative will expect for the location of the container images.

Please execute the commands that follow only if you are using **GKE** and if you ever restored a branch at the beginning of a chapter (like in the snippet above).

```
cat charts/go-demo-6/Makefile \
    | sed -e \
    "s@vfarcic@$PROJECT@g" \
    sed -e \
    "s@devops-26@$PROJECT@g" \
    tee charts/go-demo-6/Makefile
cat charts/preview/Makefile \
    sed -e \
    "s@vfarcic@$PROJECT@g" \
    sed -e \
    "s@devops-26@$PROJECT@g" \
    | tee charts/preview/Makefile
cat skaffold.yaml \
    sed -e \
    "s@vfarcic@$PROJECT@g" \
    sed -e \
    "s@devops-26@$PROJECT@g" \
    | tee skaffold.yaml
```

If you destroyed the cluster at the end of the previous chapter, you'll need to import the *go-demo-6* application again. Please execute the commands that follow only if you created a new cluster specifically for the exercises from this chapter.

```
jx import --batch-mode

jx get activities \
    --filter go-demo-6 \
    --watch
```

Please wait until the activity of the application shows that all the steps were executed successfully, and stop the watcher by pressing ctrl+c.

Now let's create some pull requests in the next lesson.