

Creating a Kubernetes Cluster with Jenkins X

This lesson provides the link to gists that you can use to create a Kubernetes cluster with Jenkins X.

We'll cover the following

- Create a new cluster and install Jenkins X
 - GKE
 - EKS
 - AKS
- Install Jenkins X in an existing serverless cluster

As in the previous chapters, we'll need a cluster with Jenkins X up-and-running. That means that you can continue using the cluster from the previous chapter if you did not destroy it. Otherwise, you'll need to create a new cluster or install Jenkins X if you already have one.



All the commands from this chapter are available in the [05-buildpacks.sh](#) Gist.

Create a new cluster and install Jenkins X

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

GKE

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](#)

Let's get started and choose what to include in a build pack.