# Login

ibmcloud login --apikey <theApiKey>

#get the cluster name/id

ibmcloud cs cluster ls

ibmcloud ks cluster-config --cluster <cluster id from the cloud console>

SET KUBECONFIG=C:\Users\MadelineGoss\.bluemix\plugins\container-service\clusters\<cluster id from the cloud console>\kube-config-hou02-mgoss.yml

kubectl get namespaces

kubectl get pods

# Setup

To prepare your cluster for Devops toolchains you need to do the following:

## Tiller Account

# need to do these steps to connect the tiller account to your private kubernetes sandbox

<https://pages.github.ibm.com/wh-ops/wh-ops-playbook/checklist/ready/sandbox-cluster/sandbox-cluster.html>

Note (from Andrew):

You can check by doing "kubectl describe replicaset tiller-deploy-77f448d68 -n kube-system" (replace tiller-deploy-77f448d68 with name on your cluster). If tiller namespace isn't setup per instructions above, then you'll see error that says "tiller" servicename doesn't exist.

## Application Node Label

You need at least one worker node with the label “application” Here are the steps for configuring one:

1. "**kubectl get nodes**" This will output a list of nodes that you have (probably just one). You want to grab the name value (probably an ip address).
2. Once you have the name of the node, you can run the following: "**kubectl label nodes <the node name> worker-type=application**".
3. Once you've run that, you can verify the label by running "**kubectl get nodes --show-labels**". You'll see that worker-type=application is appended to the end of the list of labels on your node.