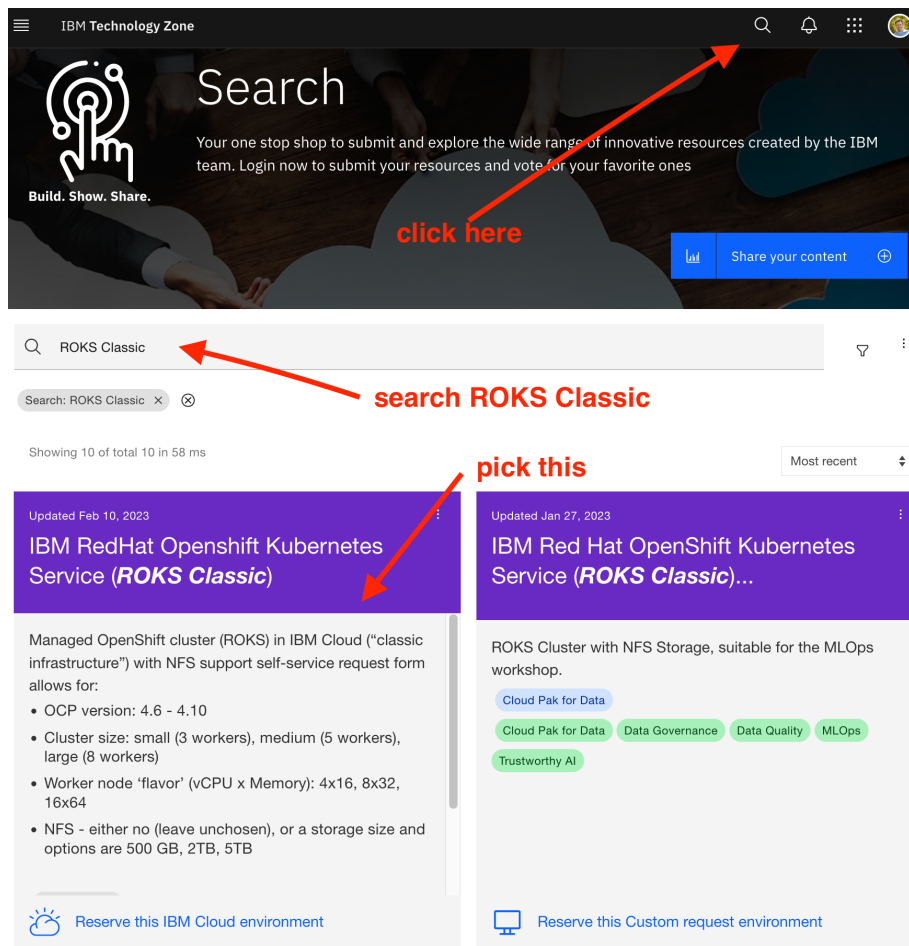# OpenShift Cluster

You will use your own small OpenShift cluster during this workshop. However, the procedures we will follow are analogous to a Kubernetes cluster. Remember that the minimum requirements for for OpenShift / Kubernetes are fully documented in the databand deployment guide
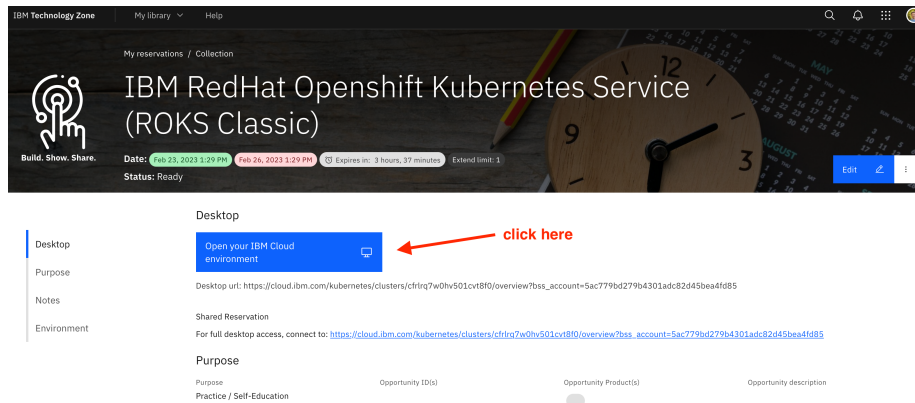
1. TechZone

One of the best benefits for becoming an IBM Business Partner is the access to the IBM Techzone. Once you get the entitlement, you have access to a vast variety of resources with just your IBMId. If you are an IBMer, you have already been granted with the TechZone access by default.

In this workshop, we will provision one Openshift cluster from the IBM Techzone and, among the several options and variations you can find, it is recommended to choose a basic cluster. Log in to the Techzone and search for an offering following the indications of this picture:

You will see a few options to size the cluster and the smallest configuration will be enough to run everything on this workshop. However, you may want to choose a bigger one - it will work as well.

Wait for an email that notifies you that the system is ready. It can take some minutes but also a few hours, depending on the current workload in the Techzone or in the Cloud. Once you get that email, just click on the link that will lead you to the OpenShift console or, alternatively, you may go to the TechZone, display your reservations and select the system which has been just provisioned. In order to get access to the OpenShift console, just click on the blue button:
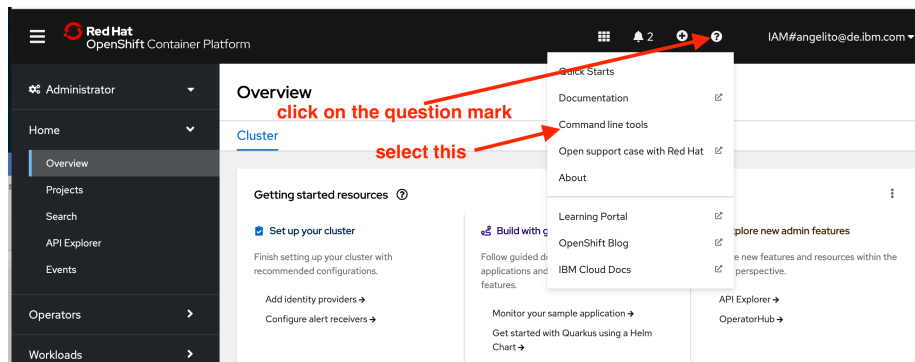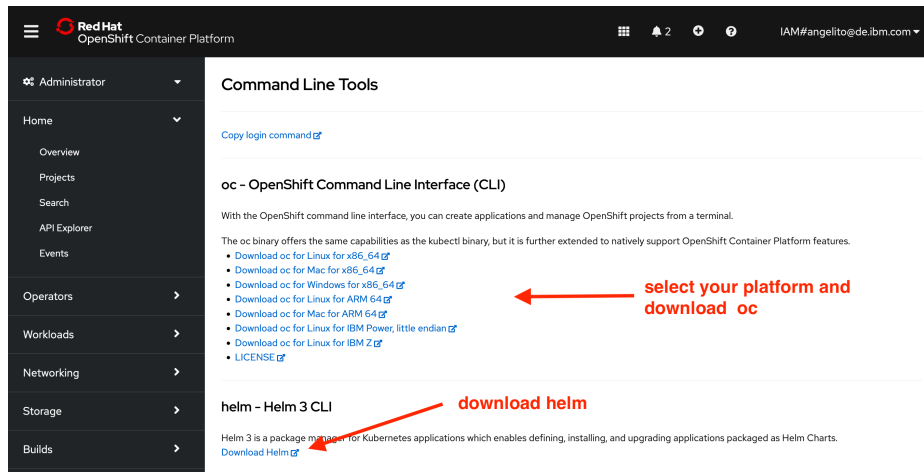
2. Other Options

RedHat has other possibilities to access an OpenShift cluster in a trial mode. You can explore your options here

3. Download `oc` and `helm`

As mentioned in the previous section `oc` and `helm` can be easily downloaded from the OpenShift console. Just open the Openshift console and proceed as indicated in the following pictures

Run the following commands to verify that `oc` and `helm` are accesible:

```
oc version
```

```
# Display the version of helm
helm version
```

Next Section: Databand deployment. Previous Section: Prerequisites

Return to main