Lab 1: Push an Application

Description: During this lab we will push a simple Java application

Note that commands are in *italics* and the X should be replaced with a unique number or participant’s initials.

1. Change to the labs\_Java/artifacts directory. We will push a Java application called PCFDemo. The application shows a map of the United States and incoming orders received by state. You can select any state to see the orders as they are received.

During this first installation we will see how easy it is to push applications to Cloud Foundry. The command below pushes an application named map-userX, where x is your unique number or initials, using the path to your executable and creates 2 load balance instances of your application.

*cf push map-userX –p pcfdemo-us.war –i 2 –no-manifest*

Open a web browser and visit <http://map-userX.cfapps.io>

* otice the IP address displayed at the top, this is the IP address of the container serving your instance.
* Verify the RabbitMQ service is not bound to the application. We’ll complete this in the next lab.

1. Now log into the Pivotal CF Developer Console and let’s check the health, running instances, route and other details for the application we’ve pushed.

Access <http://console.run.pivotal.io> with your credentials.

You’ll need to select the same space you’ve first targeted, then select your application and review events, logs, services and environmental variables.

