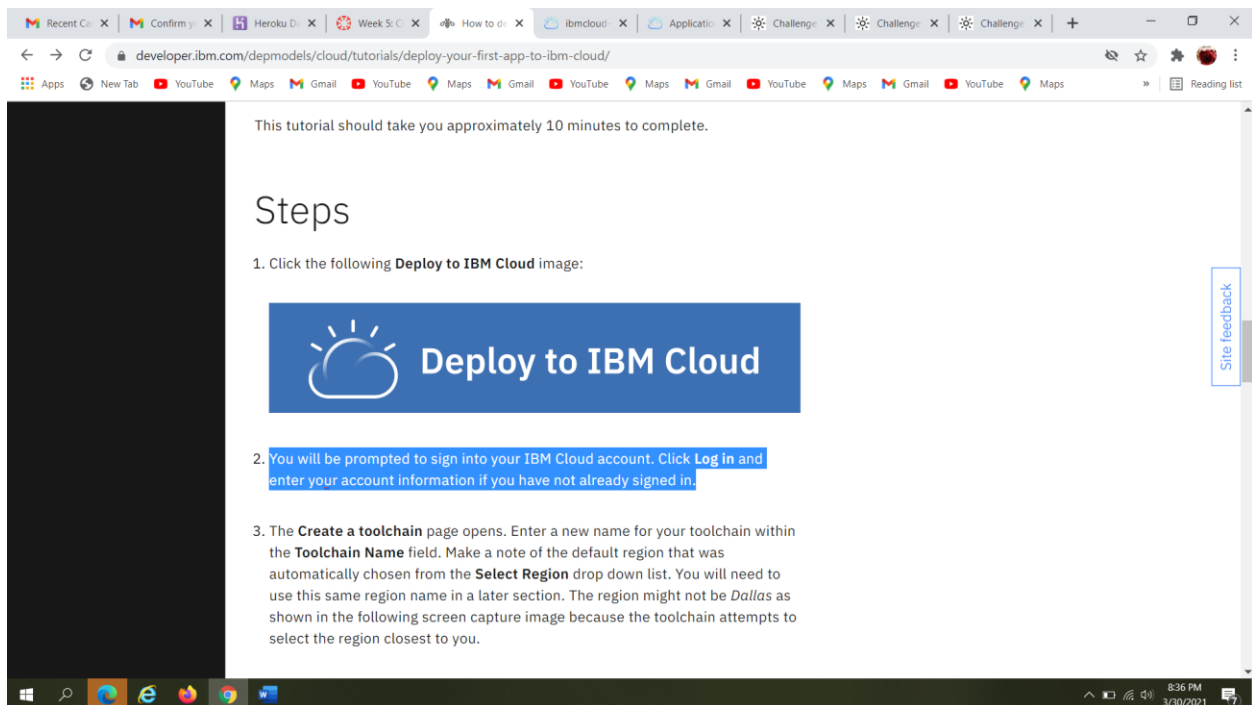



# Week 5 Assignment on Cloud and API Deployment

## Steps 1- Signing in to deploy to IBM cloud

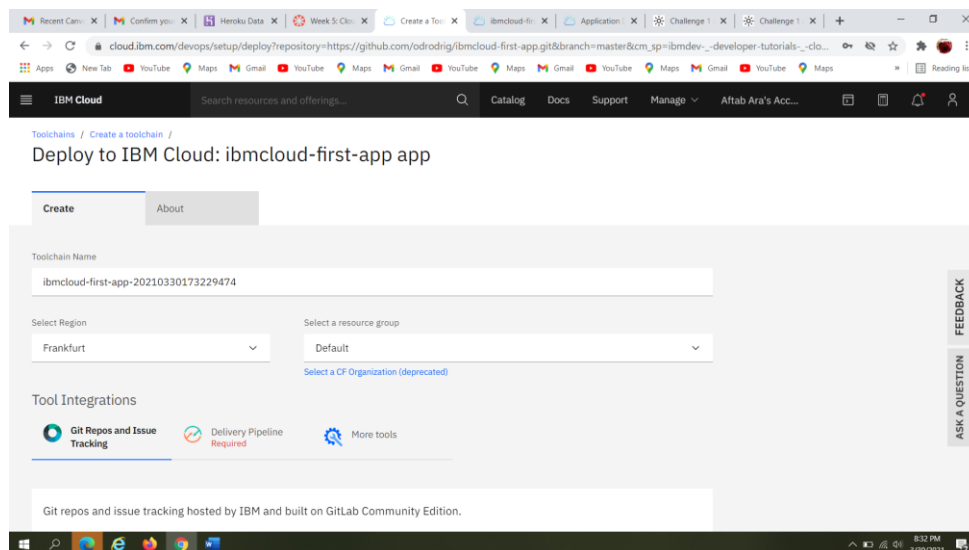


This tutorial should take you approximately 10 minutes to complete.

### Steps

1. Click the following **Deploy to IBM Cloud** image:  

2. You will be prompted to sign into your IBM Cloud account. Click **Log in** and enter your account information if you have not already signed in.
3. The **Create a toolchain** page opens. Enter a new name for your toolchain within the **Toolchain Name** field. Make a note of the default region that was automatically chosen from the **Select Region** drop down list. You will need to use this same region name in a later section. The region might not be *Dallas* as shown in the following screen capture image because the toolchain attempts to select the region closest to you.

## Step 2. Signed into your IBM Cloud account. Log in and entered my account



IBM Cloud

Toolchains / Create a toolchain /

### Deploy to IBM Cloud: ibmcloud-first-app app

Create About

Toolchain Name  
ibmcloud-first-app-20210330173229474

Select Region  
Frankfurt

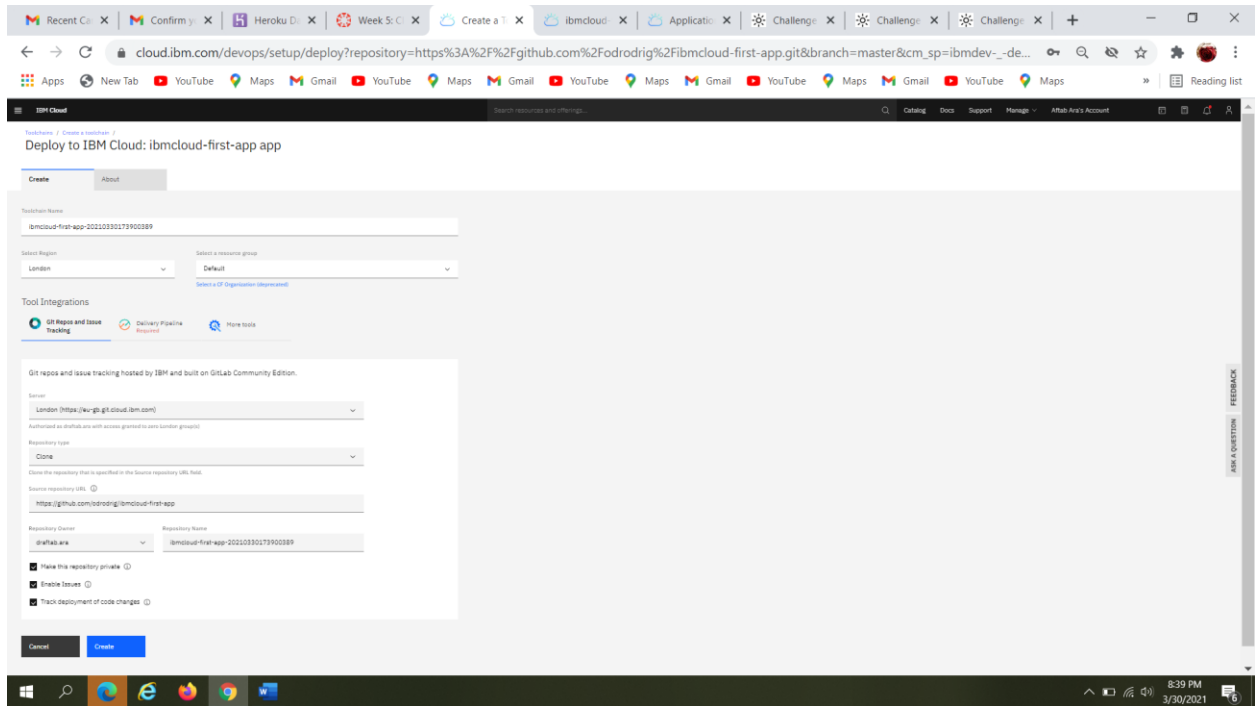
Select a resource group  
Default

Tool Integrations

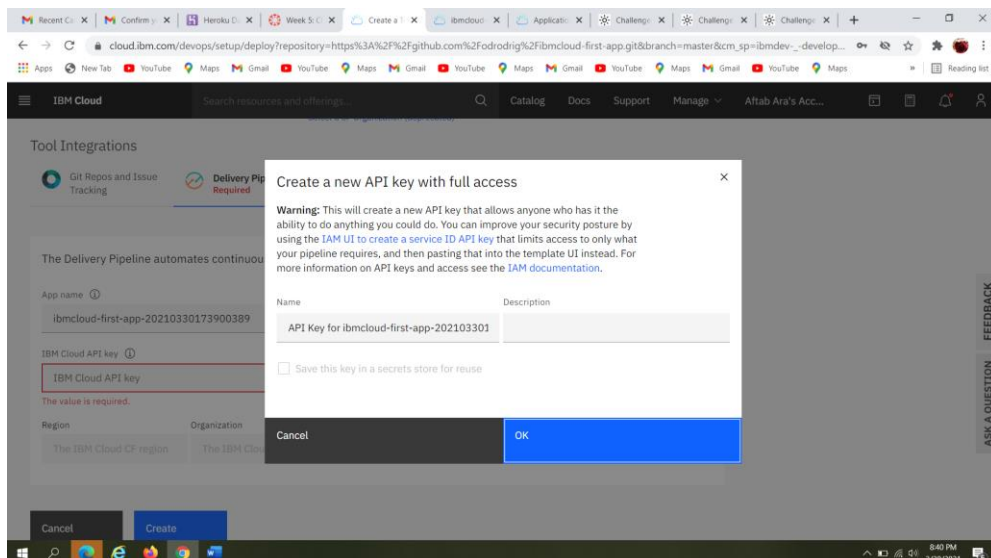
- Git Repos and Issue Tracking
- Delivery Pipeline Required
- More tools

Git repos and issue tracking hosted by IBM and built on GitHub Community Edition.

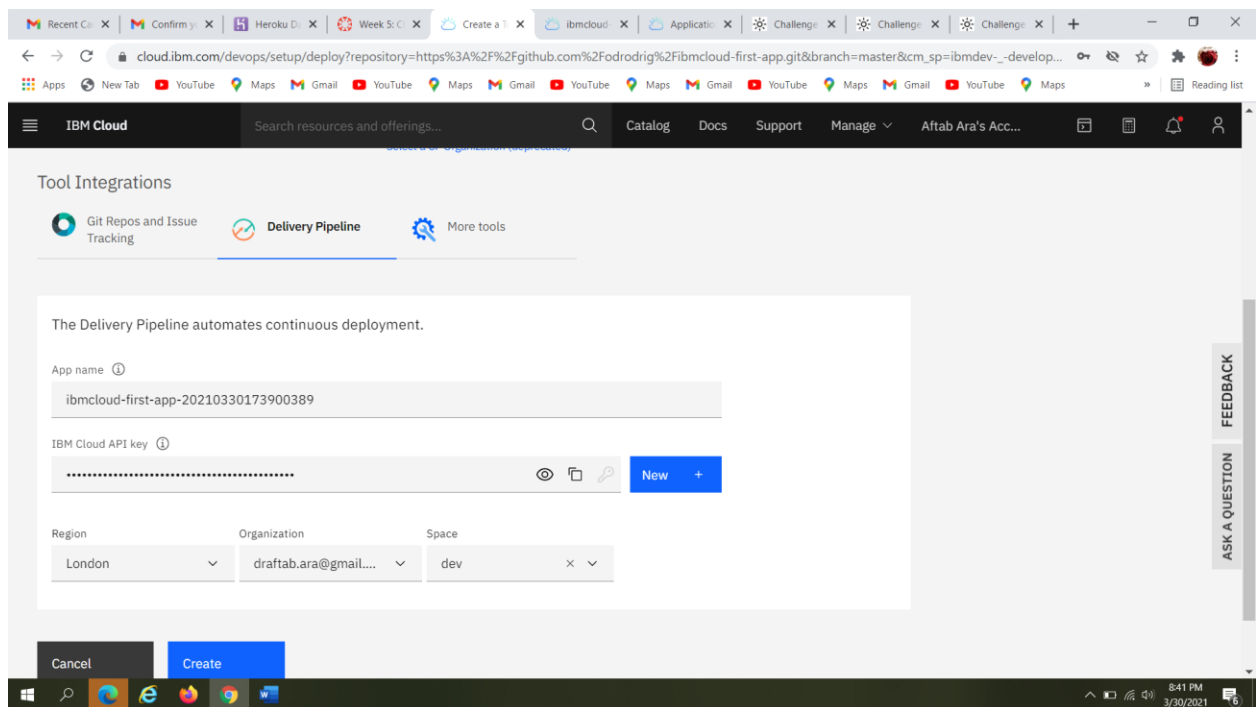
### 3. The Create a toolchain page opens and I entered a new name for toolchain within the Toolchain Name field.



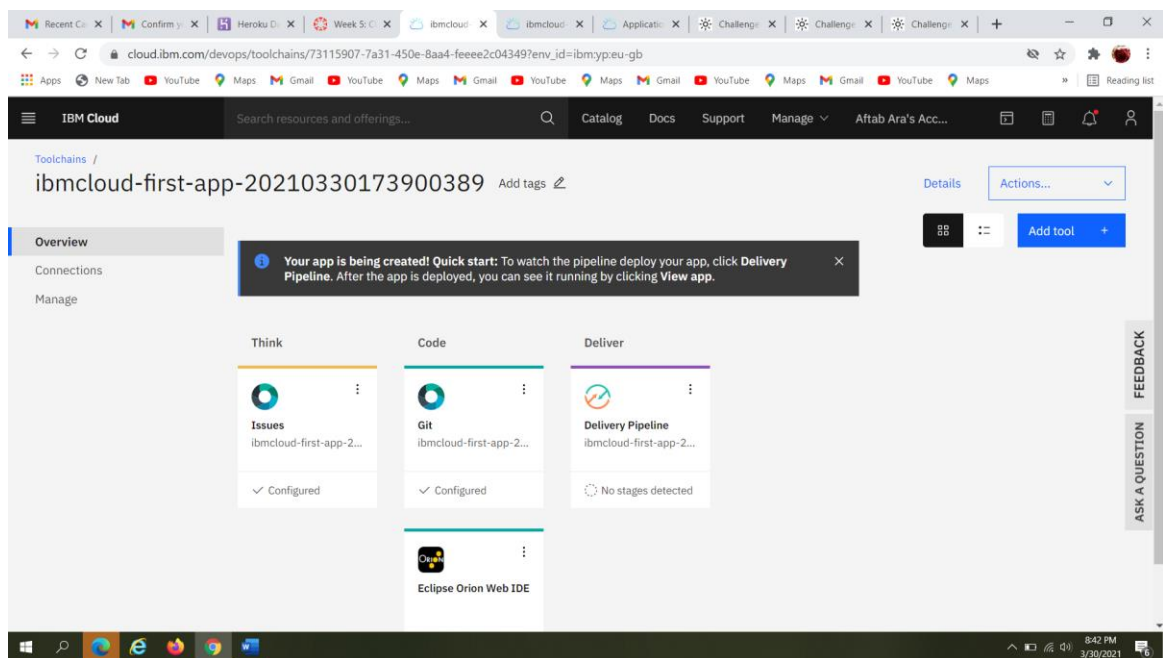
### 4, Created an API with full access



## 5. Tool Integrations for the Delivery Pipeline automates continuous deployment.



## 6. Creation of first App development



## 7. Delivery Pipeline in creation of first app

The screenshot shows the IBM Cloud DevOps interface for a delivery pipeline. The pipeline is named 'ibmcloud-first-app-20210330171333603' and consists of two stages: 'Build Stage' and 'Deploy Stage'. Both stages are marked as 'STAGE PASSED'.

**Build Stage:**

- LAST INPUT: Git URL (Last commit by Oliver Rodrig... 36d ago)
- JOBS: Build (Passed 2m ago)
- LAST EXECUTION RESULT: Build 1

**Deploy Stage:**

- LAST INPUT: Stage: Build Stage / Job: B...
- JOBS: Deploy (Passed now)
- LAST EXECUTION RESULT: ibmcloud-first-app-2021033017133... (View console)

The interface includes a sidebar with 'FEEDBACK' and 'ASK A QUESTION' buttons, and a top navigation bar with 'Add Stage' and 'Actions...' buttons.

## 8. Success page of my first app in cloud

The screenshot shows the IBM Cloud Success page for the application 'ibmcloud-first-app-20210330171333603'. The page is titled 'Overview' and displays the following information:

- Health:** 100% (1/1 instance(s) are running)
- Instances:** 1 instance running
- Runtime:** SDK for Node.js™
- Runtime cost:** \$0.00 (Current and estimated cost excludes connected services)
- Connections:** (0)
- MB memory per instance:** 0 to 256 MB (64 MB allocated)
- Free/Used memory:** 192 MB still available

The page includes a sidebar with 'FEEDBACK' and 'ASK A QUESTION' buttons, and a top navigation bar with 'Add Stage' and 'Actions...' buttons.

