



Lab 0: Pre-requisites

Objective

This lab takes you through the various activities to prepare for the rest of the labs.

Prerequisites

Prior to running these labs, you must have a Bluemix account, a GitHub account and access to a lab laptop. Your Bluemix account needs to have an appropriate organization and spaces.

Tasks:

- [Task 1: Create Bluemix trial account](#)
- [Task 2: Create Bluemix organization and spaces](#)
- [Task 3: Create GitHub account](#)
- [Task 3: Set up Slack access](#)

Task 1: Create Bluemix trial account

1. If you already have an active Bluemix account, you can skip this task.
2. Open a web browser and enter the following URL:
<https://console.ng.bluemix.net/>
3. Click on the **Sign Up** button.
4. Follow the directions to fill out the form. Note you will need access to an eMail account to confirm the account setup activity. Make note of the password you specify.
5. Click **Create Account**. This will cause Bluemix to send an email to the eMail account you specified.
6. Login into the eMail account you specified. Open the eMail with the subject: *Action Required: Confirm your Bluemix account*.
7. Click on the **Confirm Account** button.
8. You now have an active Bluemix trial account.



Task 2: Create Bluemix organization and spaces

1. Log in to Bluemix at: <https://console.ng.bluemix.net/>
2. If this is your first time logging into this Bluemix account, You will be asked to enter an organization name. Ensure you are in the *US South* region, enter **DevOpsLabs** as the Organization name and click **Create**.

Create organization

Before you start using Bluemix, you need to set up your environment.

To start, name your first organization. Think of an org as a project or team that shares resources, such as apps, databases, and other services. Orgs exist in geographic regions, so decide where you'd like to put your first one.

US South ▼ DevOpsLab Create

If this is not your first time to log in to this Bluemix account, and this is a trial account, use the Organization you created when you first logged into this Bluemix account.

3. We will create three spaces (*dev*, *qa* and *prod*) for use in this lab. If this is your first time logging into this Bluemix account, you will be prompted to create a space right after creating an Organization. Enter **dev** as the space name and click **Create**.

Create space

1—2—3—4

Now, let's get you set up with a space.

Spaces help you manage access and permissions for a set of resources, and map nicely to development stages like dev, test, and prod. Name your first space now—you can add more spaces later.

Org name: DevOpsLab

Create

NEED SOME SUGGESTIONS? TRY THESE

dev

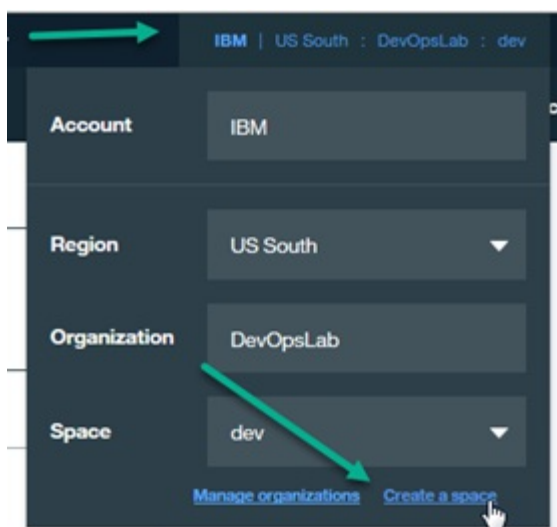
test

prod

Click **I'm Ready**.

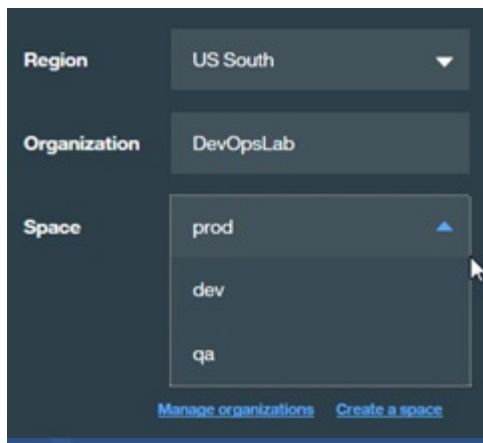
If you are not prompted to create a space, create the *dev* space when you create the *qa* and *prod* space below.

4. Click the upper-right hand corner environment settings and click on **Create a space**.



5. Enter **qa** as the space name and click **Create**.

6. Repeat the steps to create a space called **prod**.
7. If you have created all three spaces correctly, when you click the upper-right hand corner environment settings and click on the down-arrow for *Space* you will see all three spaces.



Task 2: Create GitHub account

1. If you already have a GitHub account, skip this task.
2. In a web browser, enter the following URL: <https://github.com/>.
3. Follow the directions to fill out the form. Note you will need access to an eMail account to confirm the account setup activity. Make note of the password you specify.
4. Click on the **Sign up for GitHub** button. This will cause GitHub to send an email to the eMail account you specified.
5. Login into the eMail account you specified. Open the eMail from GitHub with the subject: *Please verify your email address*.
6. Click on the **Verify email address** link.
7. You now have an active GitHub account.

Task 3: Set up Slack access

1. In the browser, open a new tab and go to the following URL to go to the (already created) Slack team. <https://bluemixdevopslab.slack.com>
2. Enter the following information:

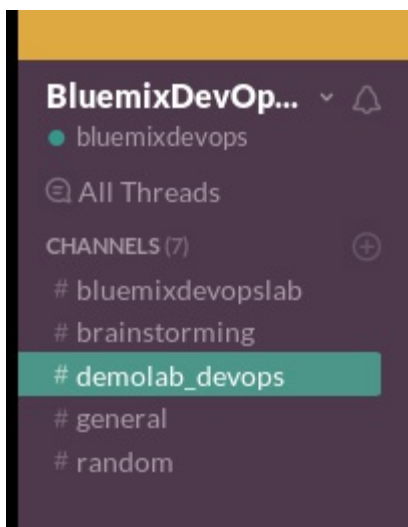


1. Email address: **BluemixDevOps@gmail.com**
2. Password: **bluemix4me**

A screenshot of a Slack sign-in page for a workspace named "BluemixDevOpsLab". The page has a dark blue header with the workspace name and URL "bluemixdevopslab.slack.com". Below the header, it says "Enter your email address and password." There are two input fields: the first contains "BluemixDevOps@gmail.com" and the second contains a masked password "*****". A green "Sign in" button is below the fields. At the bottom, there is a checkbox labeled "Keep me signed in" and a link labeled "Forgot password?".

and click **Sign in**.

3. Click on the **demolab_devops** channel to show the messages for that channel.



This channel will show all the messages the Toolchain sends to it.