

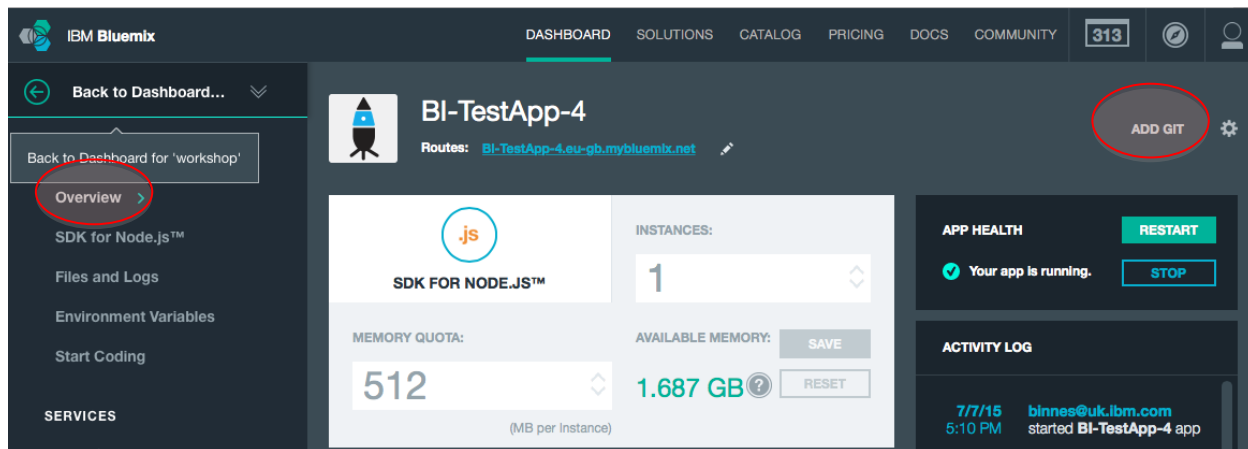


Getting Started with IBM Bluemix Hands-On Workshop

Exercise 4a: Bluemix Integration with DevOps Services

Bluemix integration with DevOps services

1. Log in to Bluemix <http://bluemix.net> or <https://console.eu-gb.bluemix.net> and deploy the Node.js Cache Web Starter boilerplate from the Catalog.
2. After the application is running, select the **Overview** page and then click **ADD GIT** on the Application Overview page.



3. Add your DevOps Service details and click **Sign In**. Ensure that you leave the option to populate the repository selected and then click **CONTINUE**.

Create Git Repository

Press **Continue** to create a Git repository associated with the **BI-TestApp-4** application. Pushing changes to this repository will trigger automatic deployment to the application.

☒ Populate the repository with the starter application package and enable Delivery Pipeline (Build & Deploy).

You are going to create a private project with restricted membership. There are rules and regulations you need to follow to use Bluemix DevOps Services for IBM Confidential business. [Learn more](#)

Enter the code that has been sent to validate your email.

CONTINUE


4. On the Overview page, click **EDIT CODE**.



You'll go to DevOps services, and the sample application code will be imported and ready to work with.

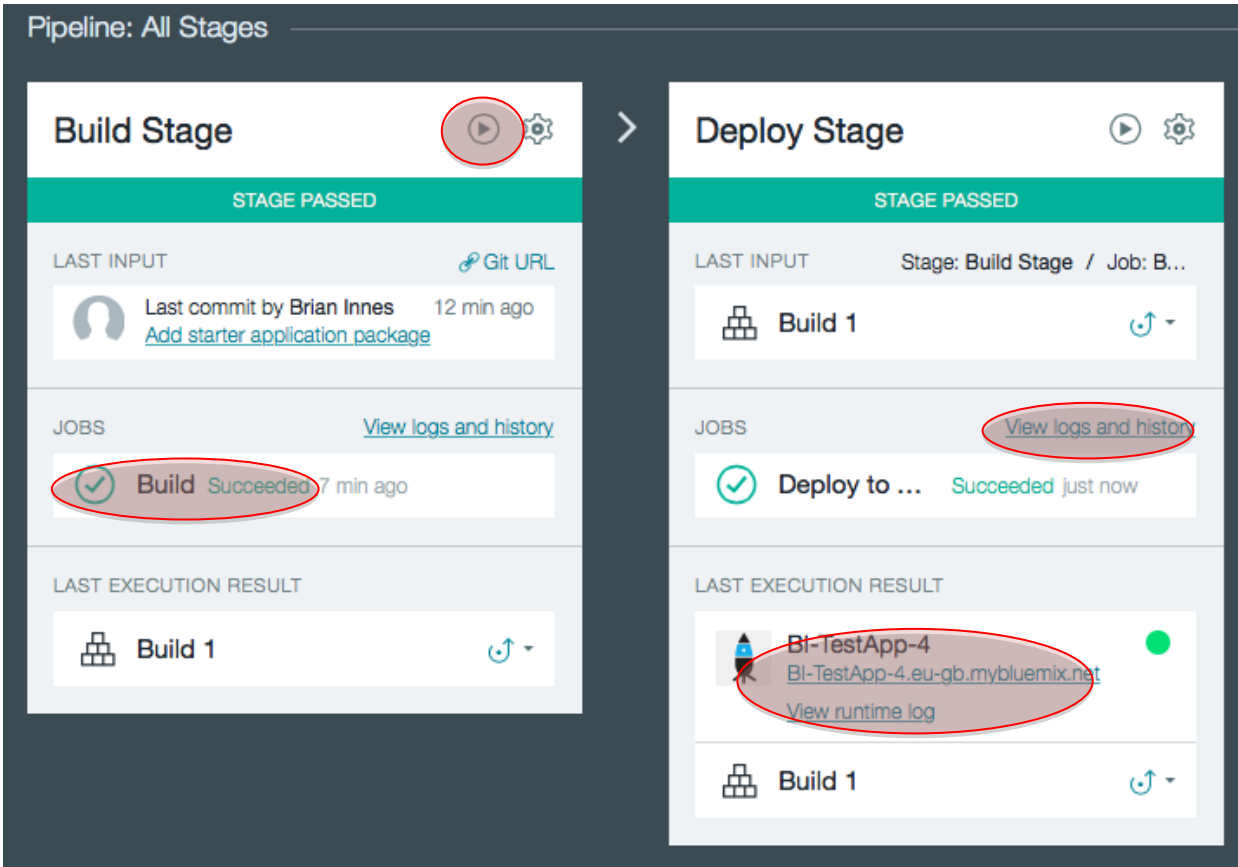
- Click **BUILD & DEPLOY**. The project is configured to deploy code changes to Bluemix when they are pushed to the Git repository.

You can now modify the code and deploy to Bluemix from DevOps services.

- To test the build and deployment, click the **Run Stage** () icon in the **Build Stage** section of the pipeline. You see that the build is queued, running, and finally that it succeeded.

After the build has completed, a deployment operation will be queued and run. You should see the deployment running and then succeeding.

- To launch the application, click the route.



The screenshot displays the 'Pipeline: All Stages' interface. On the left, the 'Build Stage' is shown with a 'Run Stage' icon (a play button in a circle) highlighted with a red circle. Below the stage name, it indicates 'STAGE PASSED'. The 'LAST INPUT' section shows a commit by Brian Innes. The 'JOBS' section shows a job named 'Build' that 'Succeeded' 7 min ago, with a green checkmark icon. The 'LAST EXECUTION RESULT' section shows 'Build 1'. On the right, the 'Deploy Stage' is shown, also with a 'Run Stage' icon highlighted. It indicates 'STAGE PASSED'. The 'LAST INPUT' section shows 'Stage: Build Stage / Job: B...'. The 'JOBS' section shows a job named 'Deploy to ...' that 'Succeeded' just now, with a green checkmark icon. The 'LAST EXECUTION RESULT' section shows the application 'BI-TestApp-4' with the URL 'BI-TestApp-4.eu-gb.mybluemix.net' and a 'View runtime log' link, all highlighted with a red circle. A 'View logs and history' link in the 'JOBS' section is also highlighted with a red circle.

Tip: You can view logs and history for the build and deployment by clicking the links in the Build and Deploy stages.