

Setup a NodeRED Boilerplate in the IBM Cloud

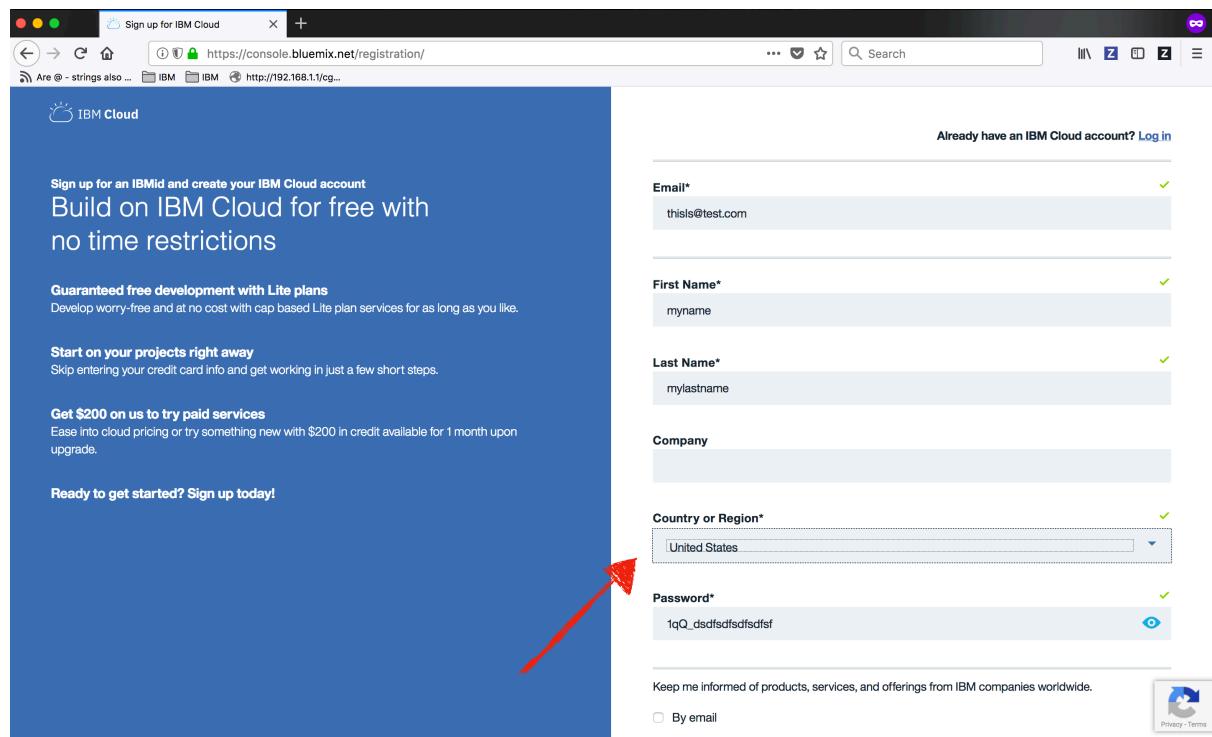
Step 1: Create an IBM Cloud account

Open the following URL

<http://npanic.ai/ibmcloud>

Fill out the following form.

Please make sure you select “United States” for Country or Region.



The screenshot shows the 'Sign up for IBM Cloud' page. The left side features a blue sidebar with promotional text about free development, paid services, and project start. The right side is a form with fields for Email*, First Name*, Last Name*, Company, and Country or Region*. The 'Country or Region*' field has 'United States' selected. A red arrow points from the bottom left towards this field. The form also includes a Password field, a checkbox for email newsletters, and links for Privacy and Terms.

Please make sure you select “United States” for Country or Region.

In case you've accidentally not selected United States and you have problems later in setup "DataScience Experience", just use the following link <https://eu-gb.datascience.ibm.com/> (don't be confused, will be explained again later)

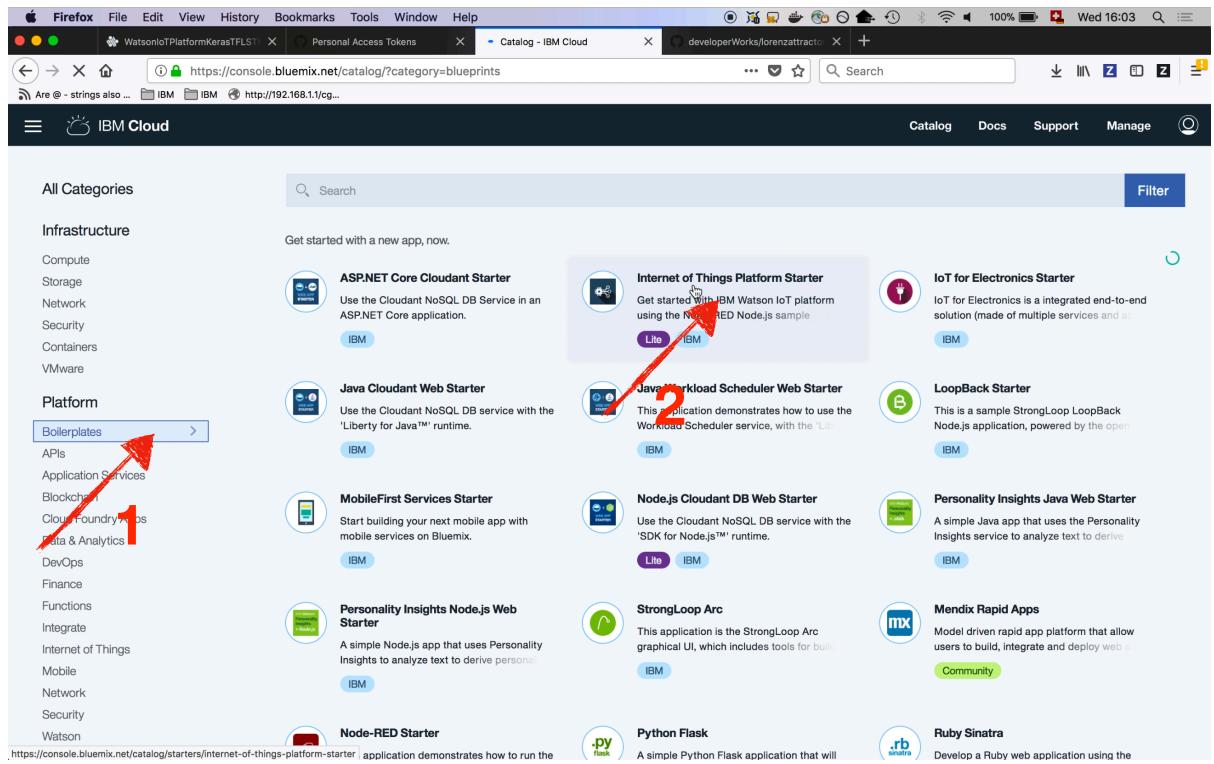
You'll receive an email for confirmation, please click on that link in that email and login.

2. Create the NodeRED Boilerplate

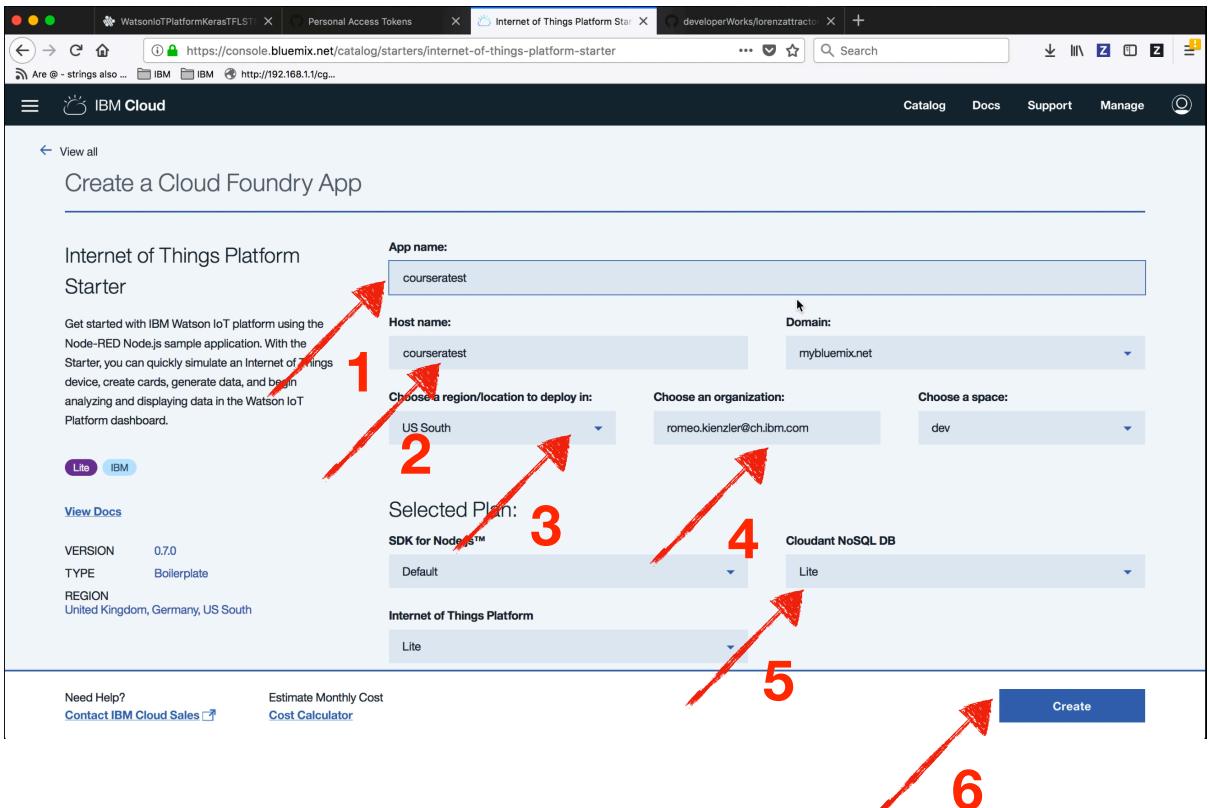
1. Click on “Create Resource”

The screenshot shows the IBM Cloud Dashboard. At the top, there are navigation links: Catalog, Docs, Support, Manage, and a user icon. Below the header, the dashboard is divided into sections: "Cloud Foundry Apps" and "Cloud Foundry Services". The "Cloud Foundry Apps" section lists two applications: "ccana" and "lorenz", both of which are running. The "Cloud Foundry Services" section lists five services: "Apache Spark-p4", "ccana-cloudantNoSQLDB", "lorenz-cloudantNoSQLDB", "lorenz-iotf-service", and "Object Storage-bt", all of which are also running. In the top right corner of the dashboard area, there is a blue button labeled "Create resource". A large red arrow points from the bottom right towards this "Create resource" button.

2. Under “Boilerplates” click on “Internet of Things Platform Starter”



3. Create the Boilerplate

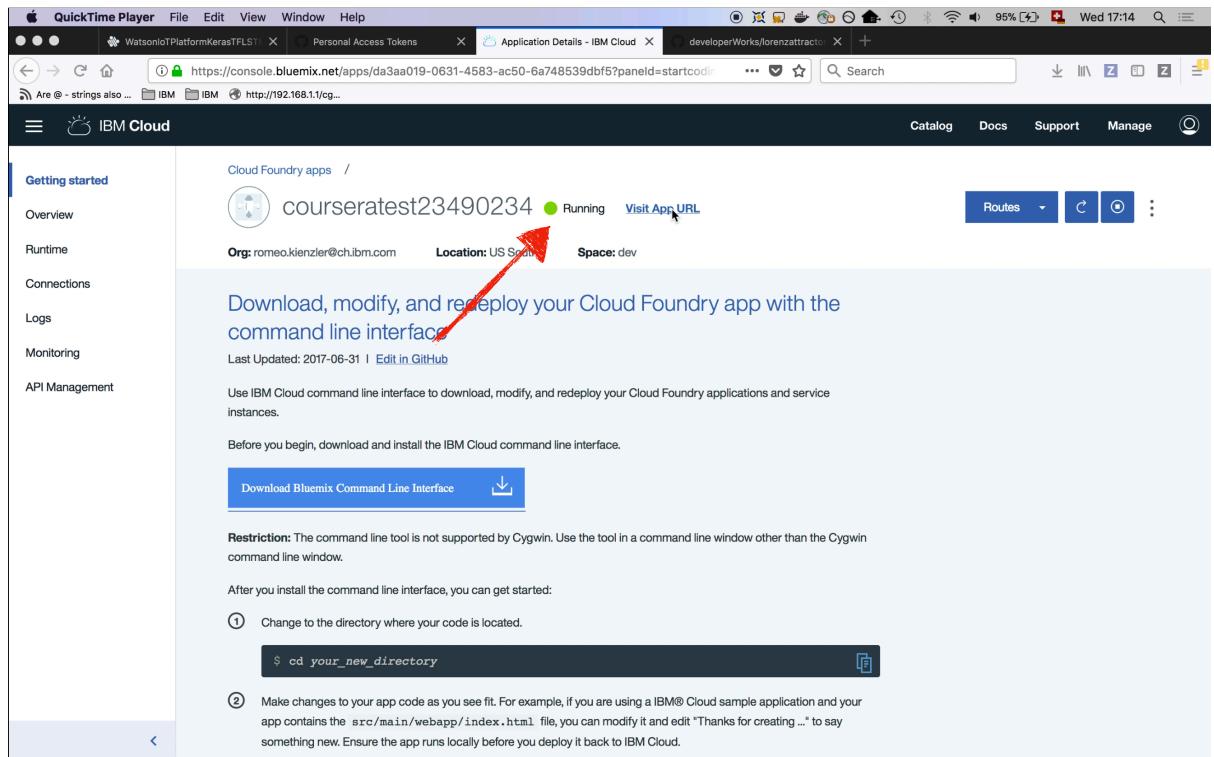


- Choose a unique name for your application (1)
- This name must be unique since it will be part of the URL (2)
In case it is not unique you'll receive an error message and can start over
- Please make sure you select "US South" as region (3)
- Please make sure Organization and Space is non-empty (4)
- Please make sure all drop downs are showing "Lite" as plan (5)
- Click on Create (6)

4. Wait until the app is started

The screenshot shows a Firefox browser window with several tabs open. The active tab is 'Application Details - IBM Cloud' at the URL <https://console.bluemix.net/apps/b1c34954-0f42-451c-8e29-8c51ed6bf778?panelId=startcodin...>. The main content area displays an application named 'courseratest23490234'. The status of the app is 'Starting'. A red arrow points from the text 'Wait until the app is started' in the previous step to this 'Starting' status indicator. The sidebar on the left is titled 'Getting started' and includes links for Overview, Runtime, Connections, Logs, Monitoring, and API Management.

5. Once the app has started click on “Visit App URL”



6. Setup your NodeRED instance with a user name and password

Secure your Node-RED editor

Secure your editor so only authorised users can access it

Username

Password good

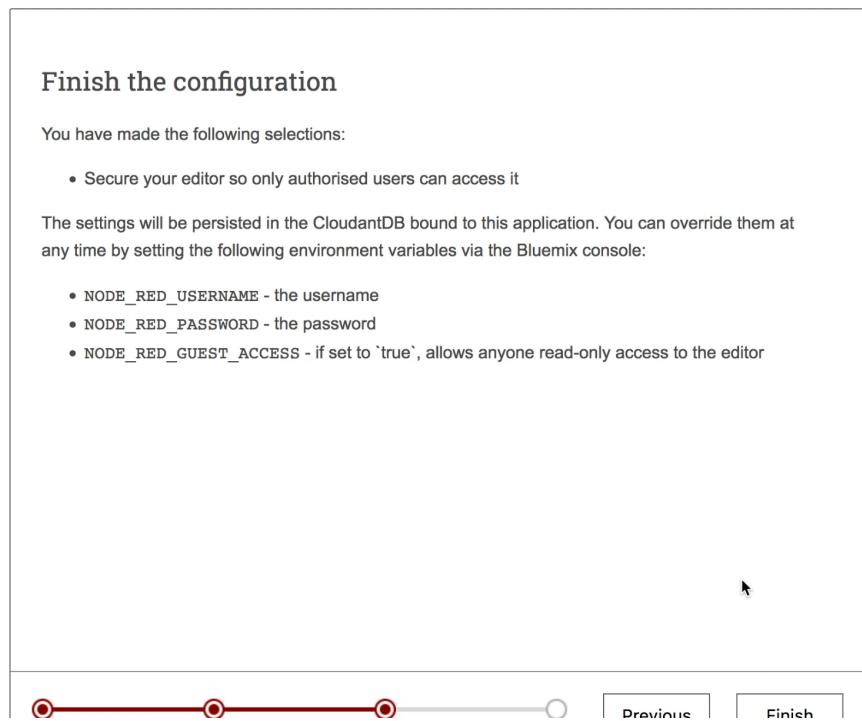
Allow anyone to view the editor, but not make any changes

Not recommended: Allow anyone to access the editor and make changes

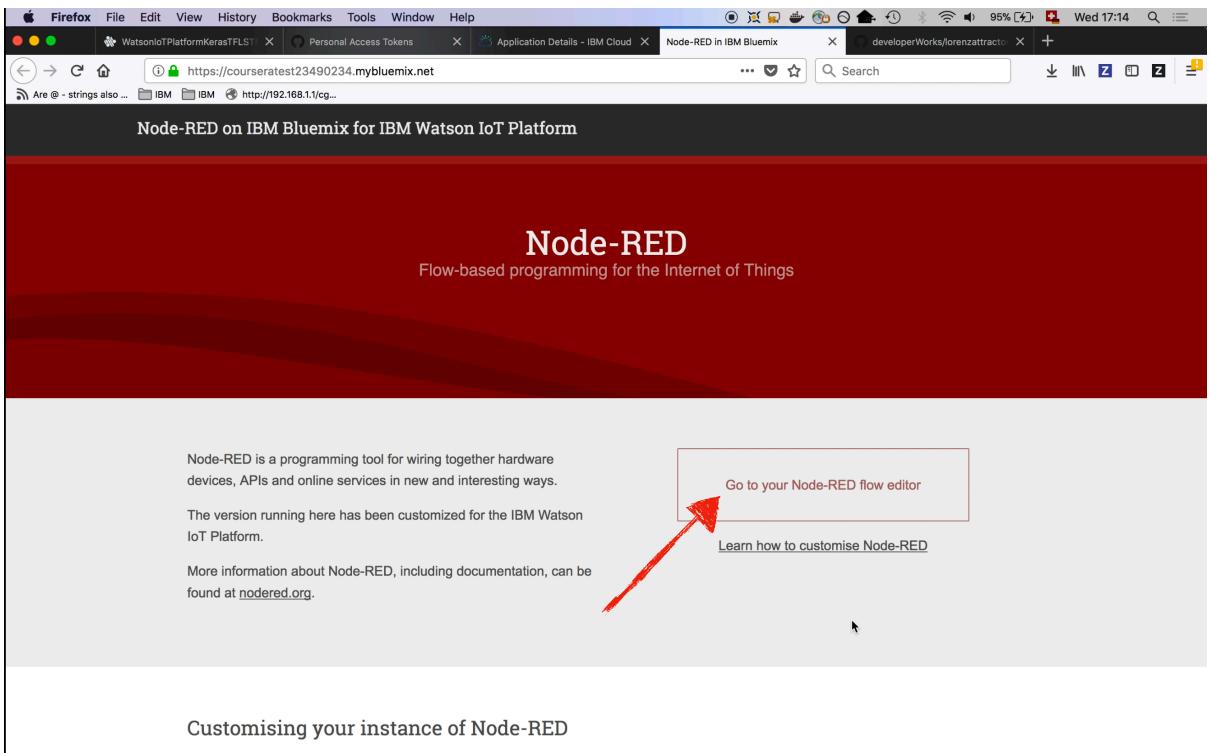
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Previous Next

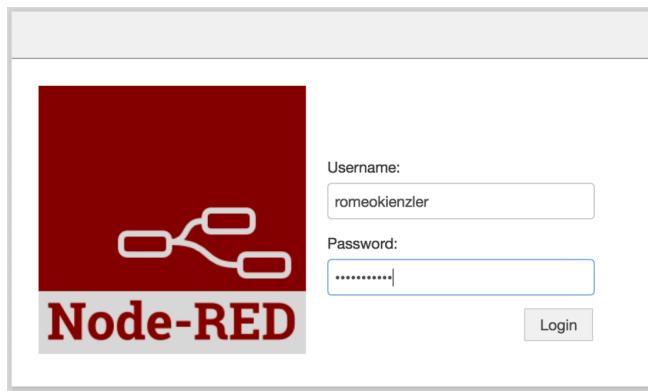
7. Click on “finish”



8. Click on “Go to your NodeRED flow editor”



9. Login with the credentials you've setup before



10. Congratulations, if you see the following screen, you are done!

