

# Setup a NodeRED Boilerplate in the IBM Cloud

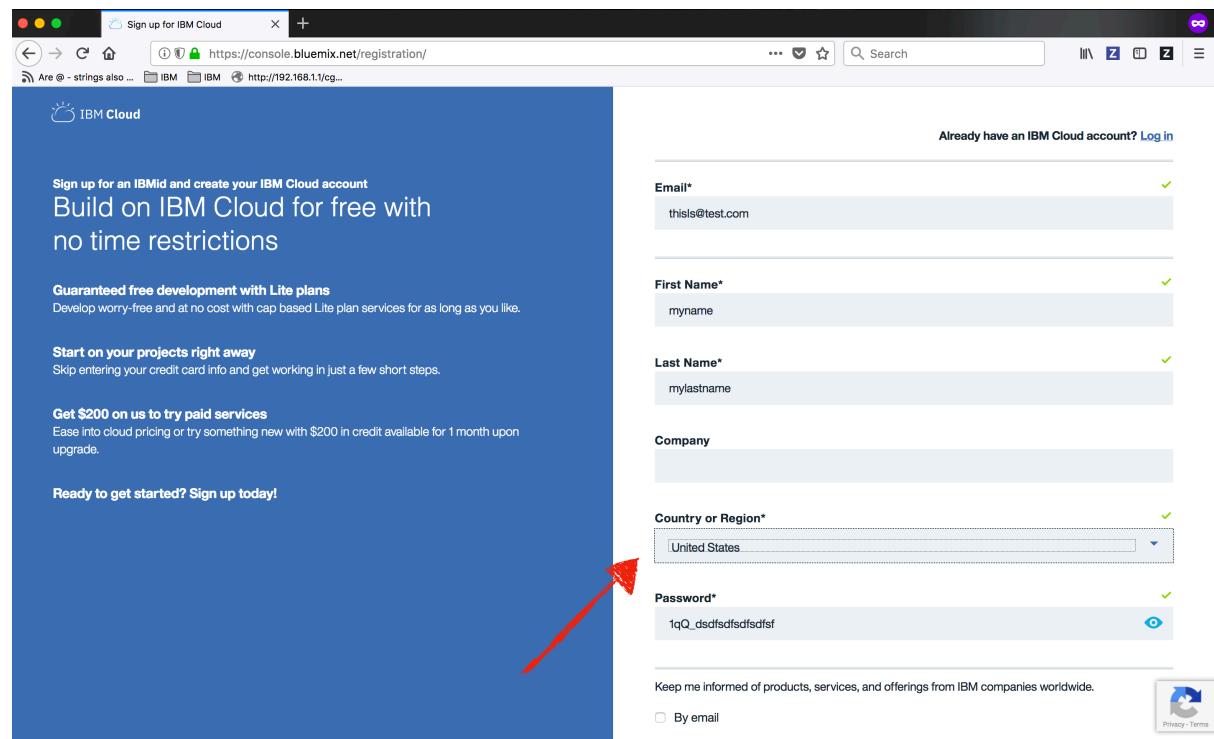
## Step 1: Create an IBM Cloud account

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 URL in the address bar is https://console.bluemix.net/registration/. The page has a blue header with the IBM Cloud logo and a white main content area. On the right, there's a form for creating an account. The 'Country or Region\*' field is highlighted with a red arrow pointing to it. The field contains 'United States'. Other fields in the form include 'Email\*', 'First Name\*', 'Last Name\*', 'Company', and 'Password\*'. There are also checkboxes for 'Keep me informed of products, services, and offerings from IBM companies worldwide.' and 'By email'. At the bottom right, there's a 'Privacy - Terms' link.

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

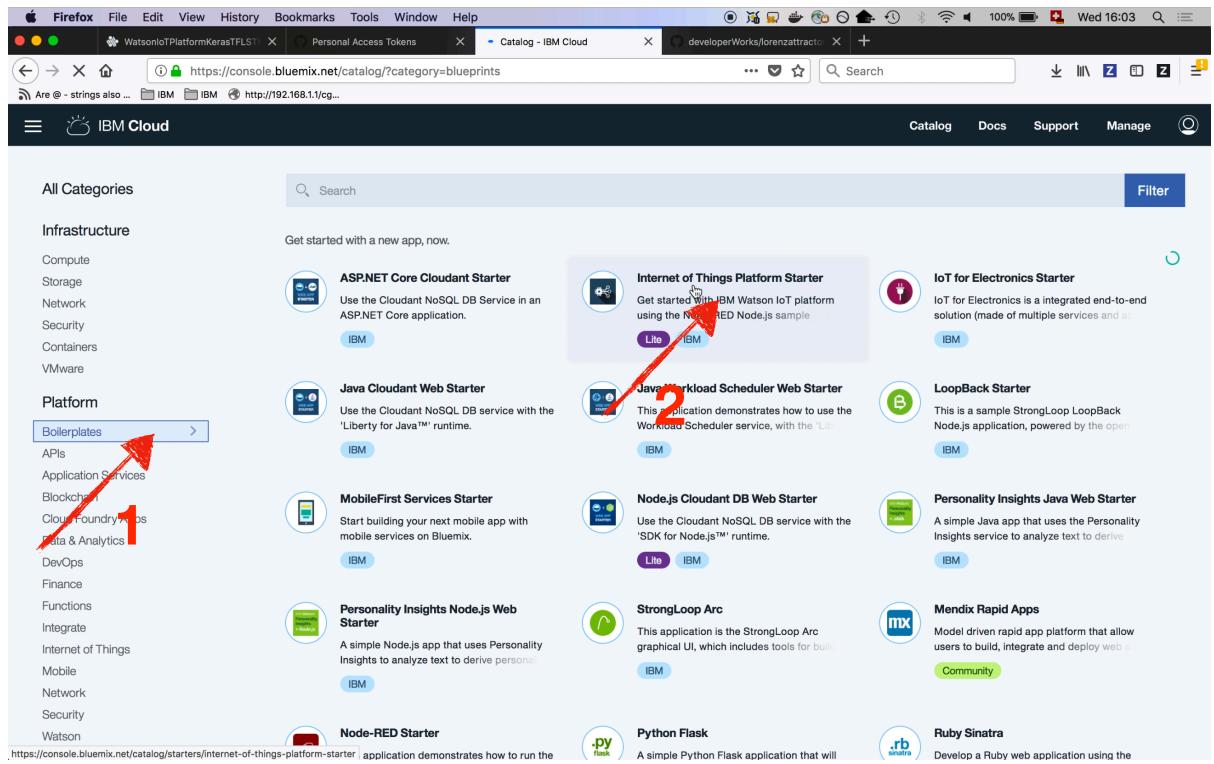
You'll receive an email for confirmation, please click on that link in that email and login.

## 2. Create the NodeRED Boilerplate

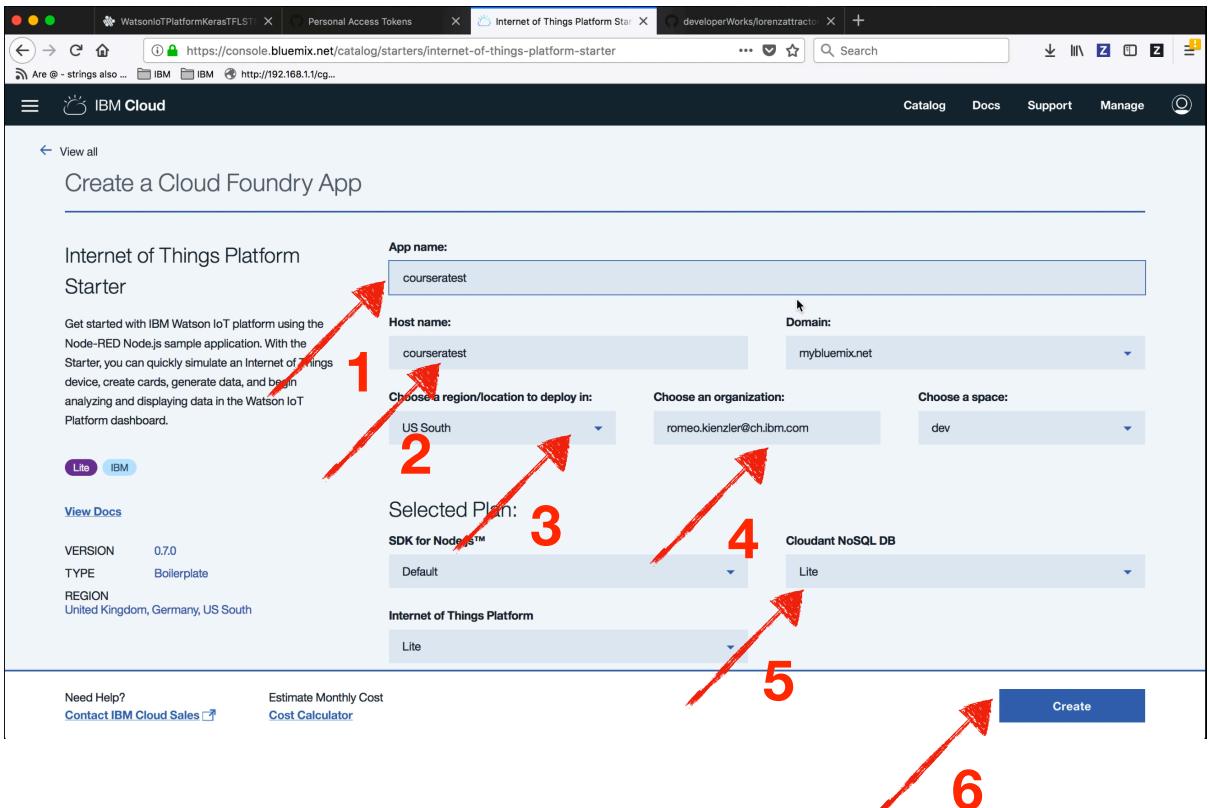
1. Click on “Create Resource”

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

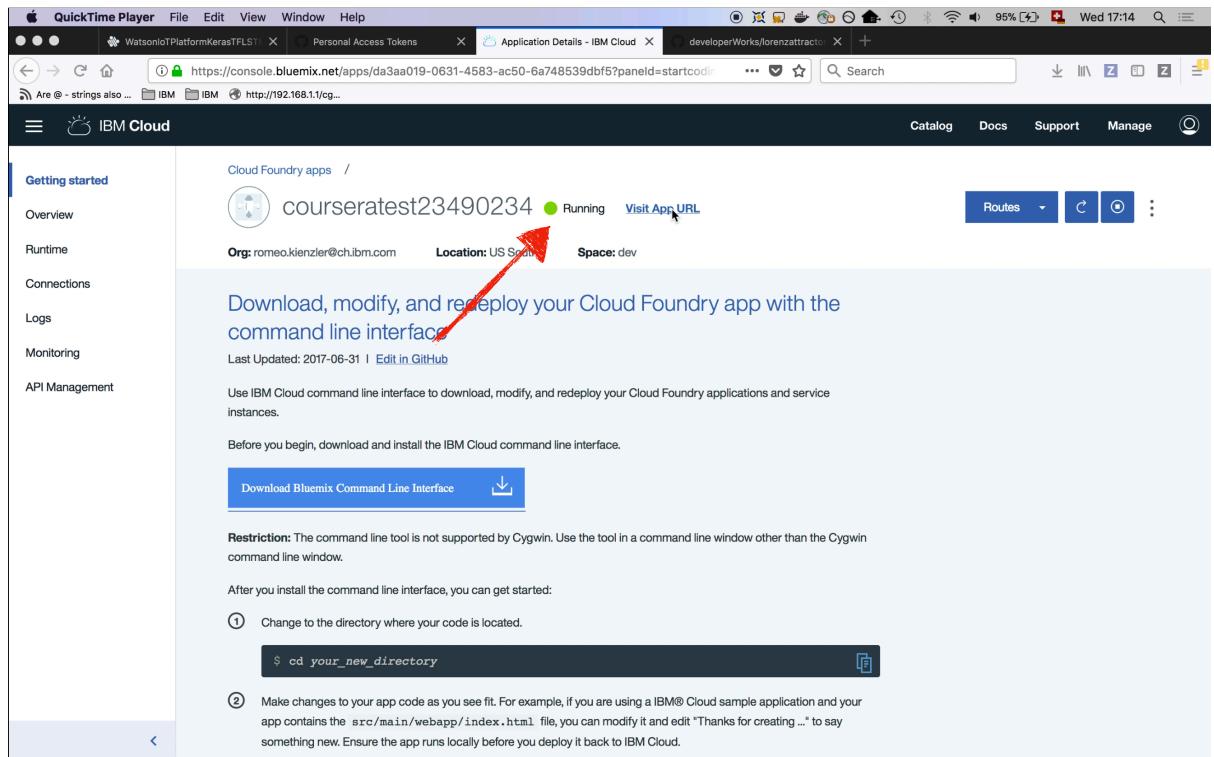


- Choose a unique name for your application (1)
- This name must be unique since it will be part of the URL (2)  
In case it is not unique you'll receive an error message and can start over
- Please make sure you select "US South" as region (3)
- Please make sure Organization and Space is non-empty (4)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

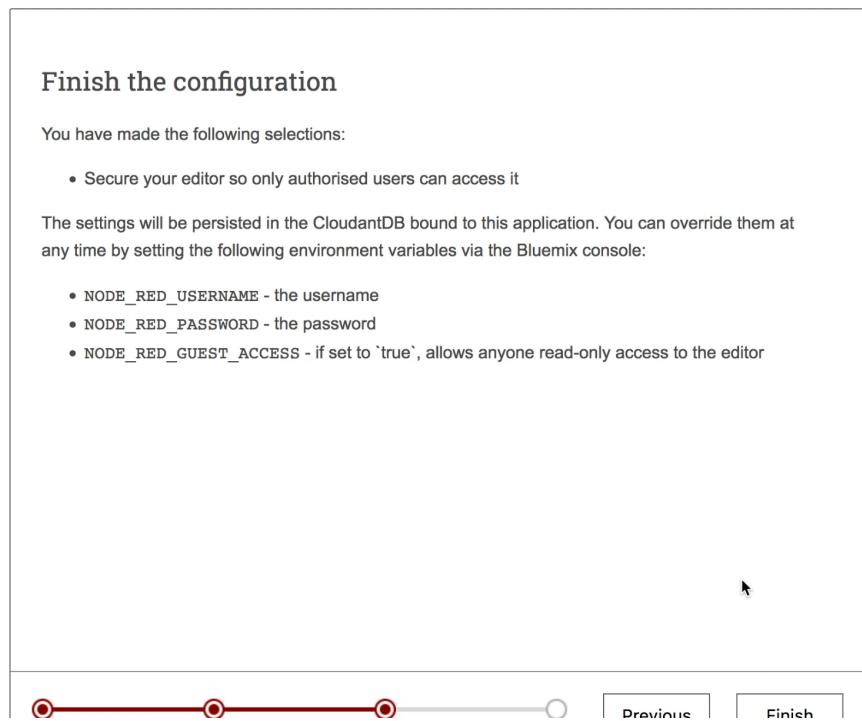
Allow anyone to view the editor, but not make any changes

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

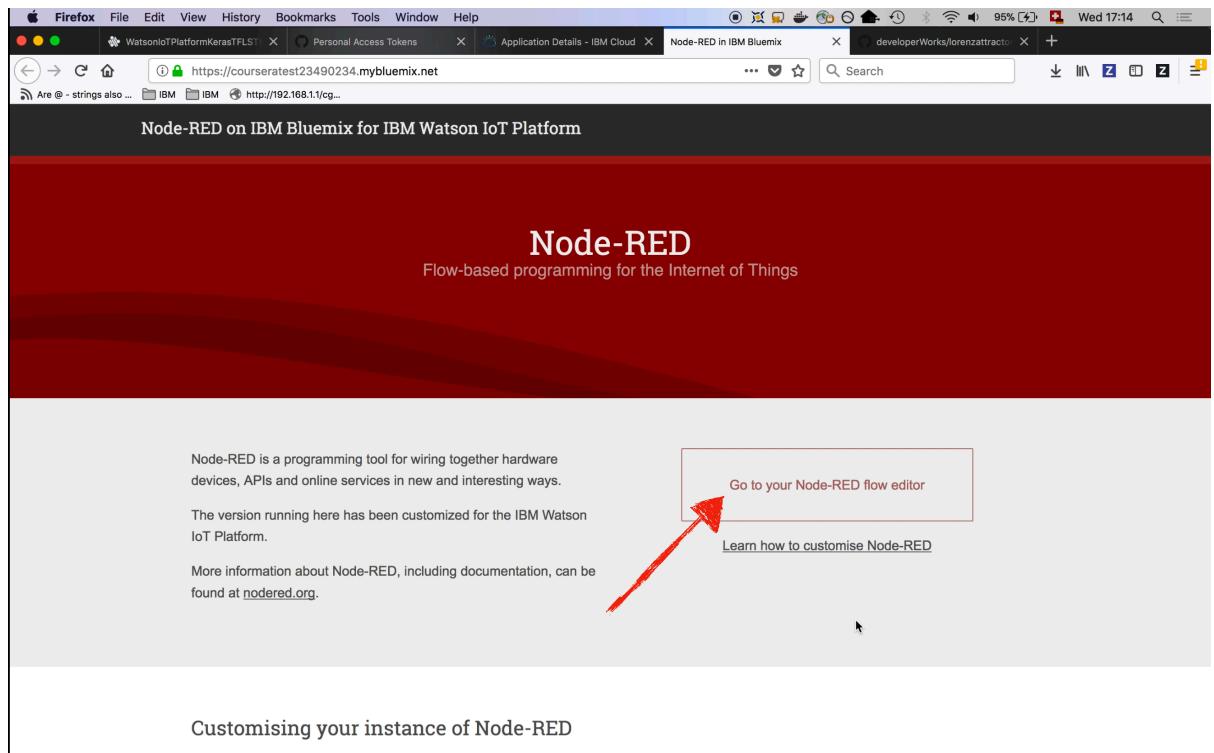
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Previous Next

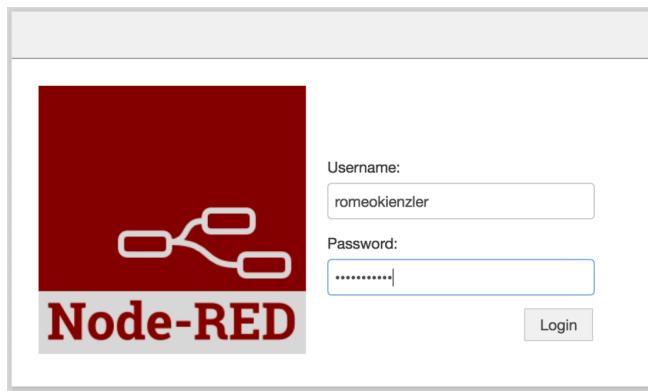
7. Click on “finish”



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!

