



Part 1 - Deploy node red application

1. **Go to** <https://git.ng.bluemix.net/talne/bluemix-avi-workshop> , **scroll down** and **click** on the "Deploy to Bluemix" button.

Create your personal assistance with Watson

Clicking on the button will allow you to deploy the current repository to Bluemix, and create a toolchain.




2. Make sure you are on the right "Space" and **click** "Deploy" button.

Region	Organization	Space
US South (Production) ▼	androidlotTest ▼	dev ▼

Deploy

3. **Go back** to <https://git.ng.bluemix.net/talne/bluemix-avi-workshop> .
4. On the right you can see download icon **click** on it and **select** download zip.

master ▼ ryc-2017-pa / lab materials

 moved to lab files
Tal Neeman committed about an hour ago

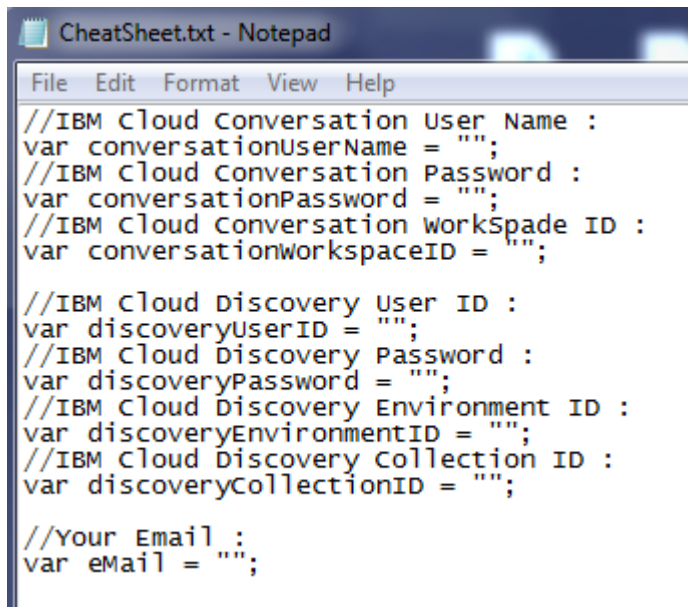
Name	Last commit
..	
Files to upload	moved to lab files about an hour ago
Lab Tutorial	remove unnecessary folder about 4 hours ago

Find file History

Source code

- Download zip**
- Download tar.gz
- Download tar.bz2
- Download tar

5. **Locate** the zip on your computer **unzip** it and **enter** "lab materials" folder , you can find there all the lab instructions and files that you will need to complete this lab.
6. Inside the "lab materials" folder you will also find "**CheatSheet.txt**" file that will help you save the services credentials and copy them to your application at the end of the lab, **please open it and fill your email** .



```
CheatSheet.txt - Notepad
File Edit Format View Help
//IBM Cloud Conversation User Name :
var conversationUserName = "";
//IBM Cloud Conversation Password :
var conversationPassword = "";
//IBM Cloud Conversation Workspace ID :
var conversationWorkspaceID = "";

//IBM Cloud Discovery User ID :
var discoveryUserID = "";
//IBM Cloud Discovery Password :
var discoveryPassword = "";
//IBM Cloud Discovery Environment ID :
var discoveryEnvironmentID = "";
//IBM Cloud Discovery Collection ID :
var discoveryCollectionID = "";

//Your Email :
var eMail = "";
```

7. **After few minutes** the deploy should finish and you will see your node-red application in the main page of bluemix (<https://console.bluemix.net>).

Cloud Foundry Apps (1) 512 MB/2 GB Used

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NAME	ROUTE	MEMORY (MB)	INSTANCES	RUNNING	STATE
ryc-2017-pa-test-2017091112432	ryc-2017-pa-test-20170911124323811.mybluemix.net	512	1	1	Running