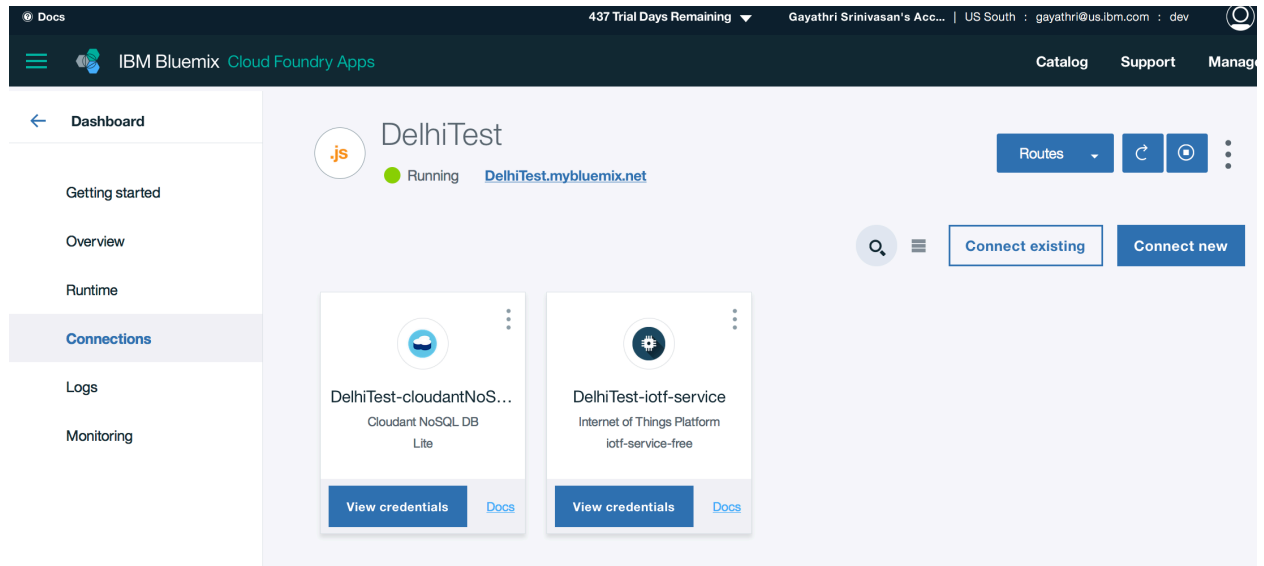


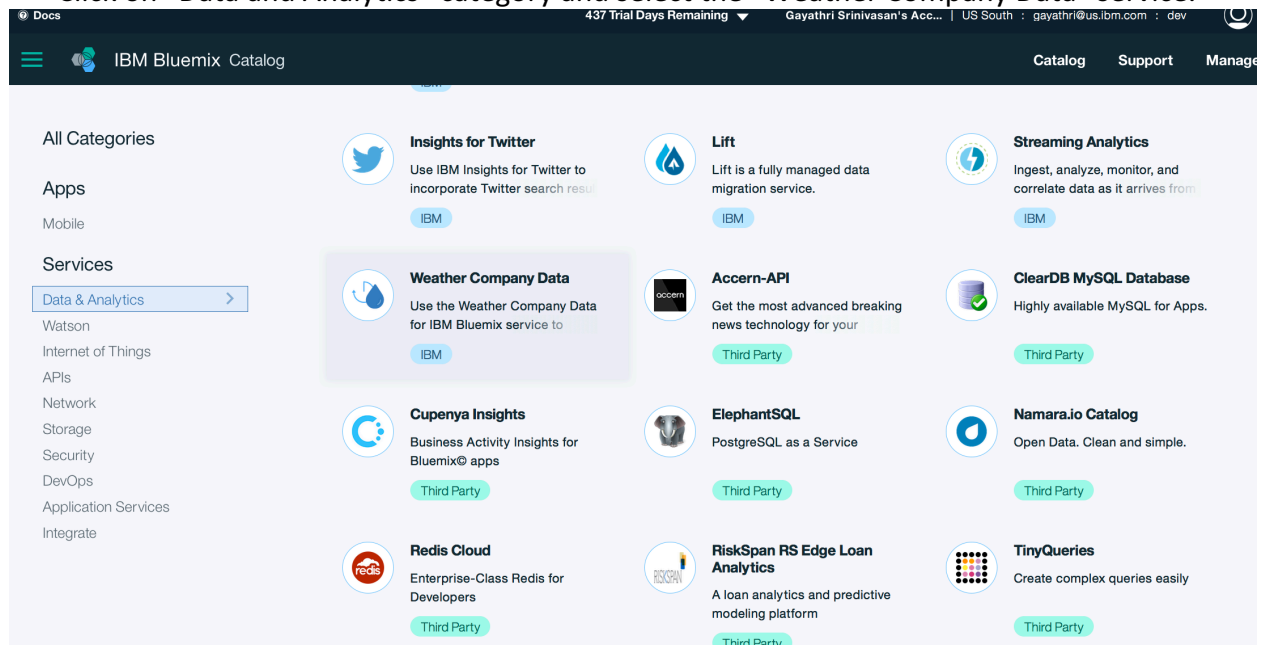
# Add Weather and Watson services to your IoT application:

This lab is to add weather and Watson capabilities to your IoT application.

- Go to your Bluemix application console
- Click on “Connections” from the left menu



- Click on “Connect New” button
- Click on “Data and Analytics” category and select the “Weather Company Data” service.



- You should now see this screen.

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## Weather Company Data

This service lets you integrate weather data from The Weather Company into your IBM Bluemix application. You can retrieve weather data for an area specified by a geolocation. The data allows you to create applications that solve real business problems where weather has a significant impact on the outcome.

**WARNING:** Currently, the Weather Company Data for IBM Bluemix service MAY NOT be purchased or used in the following countries or regions: Afghanistan, Armenia, Azerbaijan, Bahrain, Bangladesh, Bhutan, Brunei, Cambodia, China, Cyprus, Georgia, Indonesia, Iran, Iraq, Japan, Jordan, Kazakhstan, Kuwait, Kyrgyzstan, Laos, Lebanon, Malaysia, Maldives, Mongolia, Myanmar, Nepal, Oman,

**Service name:**

Weather Company Data-i3

### Features

- **Hourly forecast**  
An hourly weather forecast for the next 48 hours starting from the current time, for a specified geolocation.
- **Daily forecast**  
A daily forecast for each of the next 3, 5, 7, or 10 days starting from the current day, including forecasts for the daytime and nighttime segments.
- **Intraday forecast**  
A daily forecast for each of the next 3, 5, 7, or 10 days starting from the current day, which breaks each daily forecast into morning, afternoon, evening, and overnight segments.
- **Current conditions**  
Observed weather data (temperature, wind direction and speed, humidity, pressure, dew point, visibility, and UV Index) plus a weather phrase and a matching weather icon.

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- Click “Create”
- It will ask you to “Restage”. Click cancel.

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← Dashboard

Getting started Overview Runtime Connections Logs Monitoring

DelhiTest

Running DelhiTest.mybluemix.net

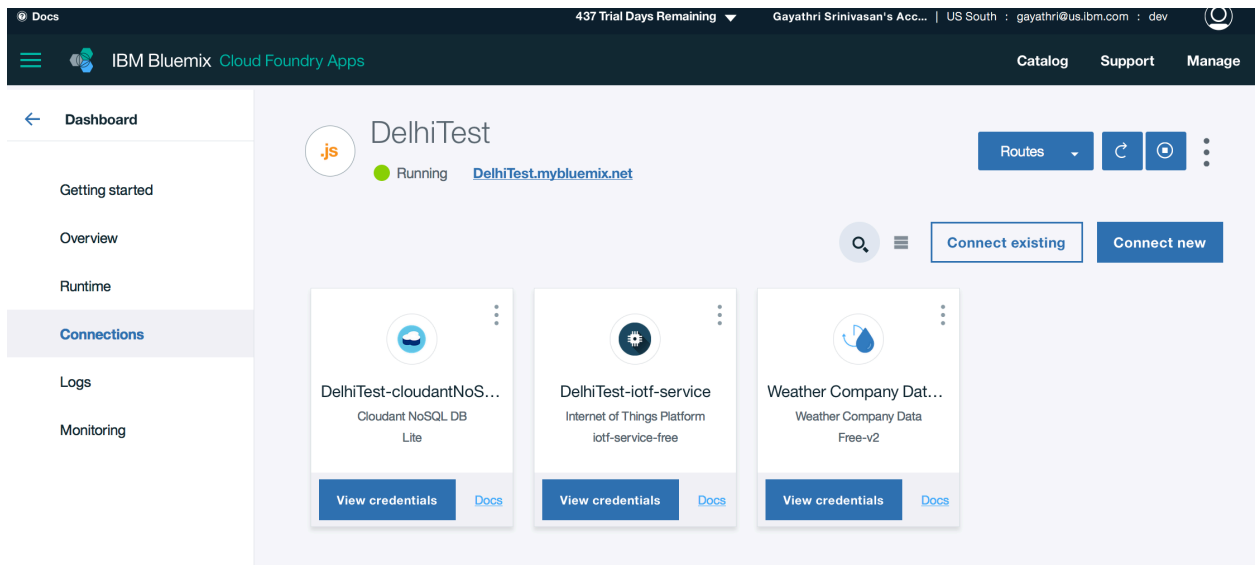
Restage app

Your 'DelhiTest' app must be restaged to use the new 'Weather Company Data-i3' service. Restaging makes this service available for use. Do you want to restage it now?

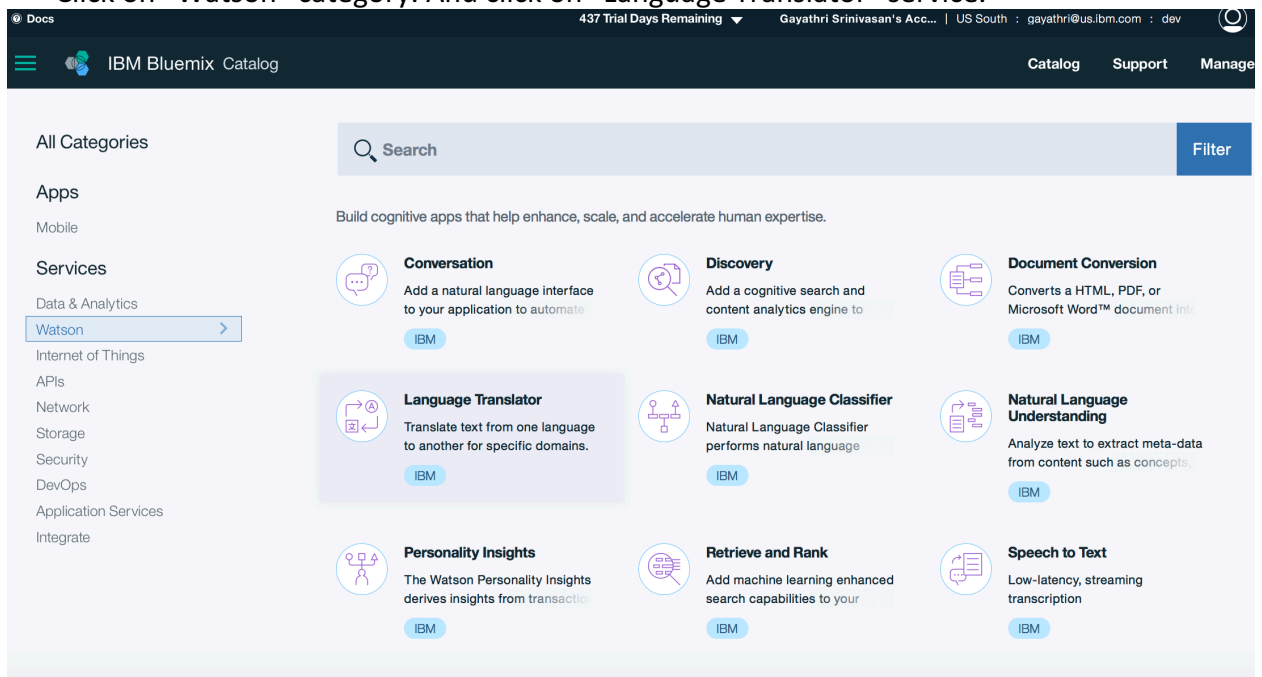
Cancel Restage

Connect existing Connect new

- Click again on “Connect New” button



- 
- Click on “Watson” category. And click on “Language Translator” service.



- This will take you to this screen.

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# Language Translator

Want to dynamically translate news, patents, or conversational documents? Instantly publish content in multiple languages? Or allow your French-speaking staff to instantly send emails in English? You can with Watson Language Translator! Connect the Watson service to your code, and you can leverage the power of our service in the following domains / language pairs:

IBM

Connect to:

DelhiTest

**Service name:**

Language Translator-bo

## Features

- News Domain**  
English to/from Brazilian Portuguese, French, Italian, German or Modern Standard Arabic; Spanish to/from English or French
- Conversational Domain**  
English to/from Brazilian Portuguese, French, Modern Standard Arabic, or Spanish
- Patent Domain**  
Brazilian Portuguese, Chinese, Korean, or Spanish to English
- Language Identification**  
Identify plain text as having been written in one of the following languages: Afrikaans, Albanian, Arabic, Azerbaijani, Bashkir, Belarusian, Bulgarian, Bengali, Bosnian, Chinese, Traditional Chinese, Czech, Chuvash,

Need Help?  
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[Cost Calculator](#)

Create

- 
- Click “Create” and once again “cancel” when asked to restage.
- Repeat the above process of “Connect New”, go to “Watson” category” and select “Text to Speech”. This time click “Restage”.
- Wait for your app to restage. This will take several minutes. When your app comes back up, you’re able to use the Weather, Watson language translator and Watson text to speech capabilities in your app.