Effort: 15 mins

Objective

In this lab, you will learn:

0. IBM Speech to Text Service

1. IBM Language Translator Service

This is the instruction to create an instance of IBM Speech to Text, and IBM Language Translator. IBM Speech to Text is a service that converts speech in audio format into text. Watson Speech to Text is a service that uses deep learning algorithms to convert speech to text. IBM Language Translator converts one language to another.

NOTE: In order to complete this the lab in this section you will be creating an IBM Cloud account and create an instance of IBM Speech to Text and IBM Language Translator and obtain their respective API Keys. A credit card is NOT required to sign up for IBM Cloud Lite account and there is no charge associated in creating a Lite plan instance of the Watson VR service.

Step 1: Create an IBM Cloud Account

Click on the link below to create an IBM cloud account:

[Sign Up for IBM Cloud](#)

On the page to which you get redirected by clicking on the link above, enter your email address, first name, last name, country or region, and set your password.

NOTE: To get enhanced benefits, please sign up with you company email address rather than a free email ID like Gmail, Hotmail, etc.

If you would like IBM to contact you for any changes to services or new offerings, then check the box to accept the box to get notified by email. Then click on the Create Account button to create your IBM Cloud account. **If you already have an IBM Cloud account you can just log in using the link above the Email field (top right in the screenshot below).

IBM Cloud

Sign up for an IBMid and create your IBM Cloud account

Build on IBM Cloud for free with no time restrictions

Guaranteed free development with Lite plans
Develop worry-free and at no cost with cap based Lite plan services for as long as you like.

Start on your projects right away
Skip entering your credit card info and get working in just a few short steps.

Get a $200 credit when you upgrade
After you upgrade to a Pay-As-You-Go account, you can use the credit to try new services or scale your projects. The credit is valid for 1 month and can be used with any of our IBM Cloud offerings.

Ready to get started? Sign up today!

Email*

yourname@mail.com

First Name*

your_firstname

Last Name*

your_lastname

Country or Region*

Canada

Password*

••••••••••

IBM may use my contact data to keep me informed of products, services and offerings:

☑ by email.

You can withdraw your marketing consent at any time by sending an email to netsupp@us.ibm.com. Also you may unsubscribe from receiving marketing emails by clicking the unsubscribe link in each such email.

More information on our processing can be found in the IBM Privacy Statement. By submitting this form, I acknowledge that I have read and understand the IBM Privacy Statement.

I accept the product Terms and Conditions of this registration form.

Create Account

Privacy - Terms

Step 2: Confirm Your Email Address

An email is sent to your email address to confirm your account.

IBM Cloud

Thanks!

To complete your registration, check your email.

Can't find the email? **Resend**

Go to your email account, and click on the **Confirm Account** link in the email that was sent to you.

Hello your_firstname,

Thank you for signing up for IBM Cloud! Confirm your account to get started.

Confirm Account

By confirming your account, you accept the Terms of Use

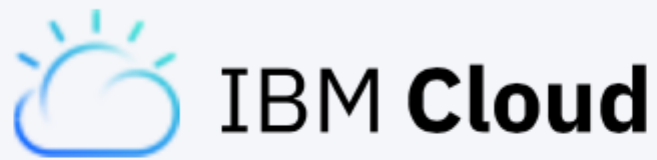Welcome and happy building!

—

Thank you,

IBM Cloud

Step 3: Login to Your Account

When you click Log in, you will be redirected to a page to log into your IBM Cloud account.

Log in to IBM

Don't have an IBMid?
Create an account

Log in with your company credentials (SSO)

Need help? **Contact the IBM Help Desk**

IBMid   **Forgot IBMid?**

yourname@mail.com

Password   **Forgot password?**

•••••••••

☐ Remember me ⓘ   **Log in**

Step 4: Create a Speech to Text Instance

To create a speech to text instance click Speech to Text

On the next page, you will get to name your service instance and choose your region. Click on the arrow to reveal the drop-down menu of regions. Make sure to select the region that is closest to you. Since I am located in Canada, then I am choosing Dallas as my region since it is the closest region to me.

Then scroll down and make sure that the **lite** plan is selected, and click the **Create** button.

Step 5: Save your Speech to Text API Key

Go to **Manage**, then save your Speech to Text **API Key**, and **URL** you will need it for the labs in this section.

Step 6: Create a Language Translator Instance

To create a translation instance click Language Translator

On the next page, you will get to name your service instance and choose your region. Click on the arrow to reveal the drop-down menu of regions. Make sure to select the region that is closest to you. Since I am located in Canada, then I am choosing Dallas as my region since it is the closest region to me.

Then scroll down and make sure that the **lite** plan is selected, and click the **Create** button.

- **Document Translator (Beta)**
  Translate documents from one language to another while preserving file formatting and type. Supported file types include: MS Office, Open Office, PDF, HTML, JSON, TXT & and XML

Pricing Plans

Monthly prices shown are for country or region: **United States**

PLAN	FEATURES	PRICING
✓ Lite	1,000,000 Characters per Month	Free

The Lite plan gets you started with 1,000,000 characters per month at no cost and includes the default translation models. When you upgrade to a paid plan, you can create custom models.

Lite plan services are deleted after 30 days of inactivity.

PLAN	FEATURES	PRICING
Standard	Standard Translations (First 250,000 characters are free)	$0.02 USD/THOUSAND CHAR
Advanced	Standard Translations Custom Translations Custom Model Maintenance (Pro-Rated Daily)	$0.02 USD/THOUSAND CHAR $0.10 USD/THOUSAND

FEEDBACK

Need Help?
Contact IBM Cloud Support ↗

[Add to estimate] [**Create**]

Step 7: Save your Language Translator API Key

Go to **Manage**, then save your Language Translator **API Key**, and **URL** you will need it for the labs in this section.

Manage
Getting started
Service credentials
Plan
Connections

Resource list /

🔄 **Language Translator-be**

Resource group: Default   Location: Dallas   **Add Tags**   ⋮

Get started with the service.   Plan: Lite **Upgrade**

[**Getting started tutorial**] **API reference**

Credentials   Download ⬇ **Show Credentials** 👁

API Key: ••••••••••••••••••••••••••••••••••••••   📋

URL: https://gateway.watsonplatform.net/language-translator/api   📋

Author(s)

Joseph Santarcangelo

Change log

Date	Version	Changed by	Change Description
2020-11-11	2.3	Malika Singla	Corrected the spell mistake
2020-10-05	2.2	Malika Singla	Added Effort & objective
2020-09-05	2.1	Malika Singla	Updated the screenshot
2020-08-25	2.0	Srishti	Migrated Lab to Markdown