



Time Required: 15 mins

Objective

In this lab, you will learn:

- IBM Speech to Text Service
- IBM Language Translator Service

In this lab, you will 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.

Pre-requisite

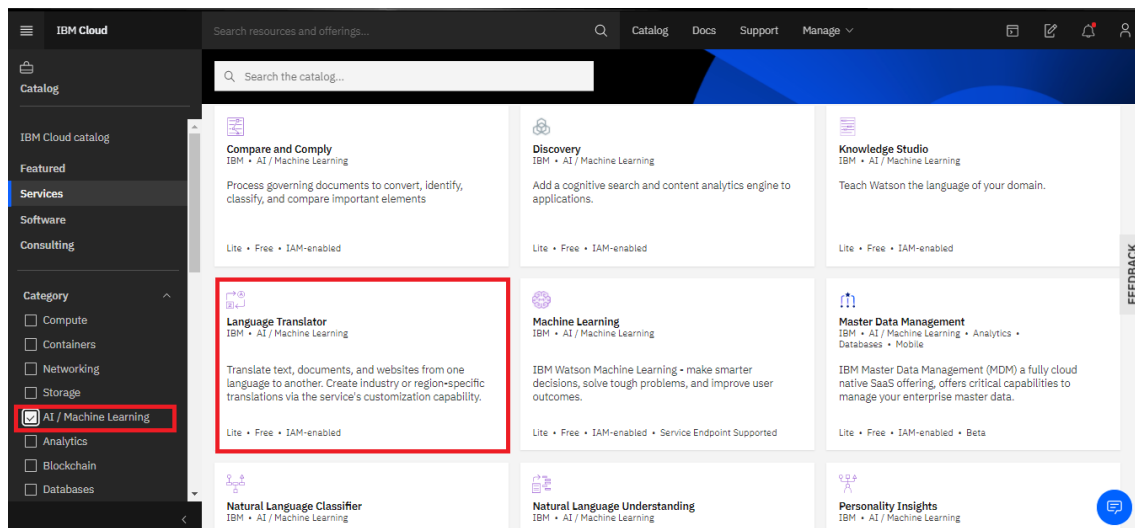
You need an IBM Cloud account to create a project in Watson Studio. If you don't have an account created already, click and open this [link](#) and follow the instructions, to create an IBM Cloud account.

Step 1: Create an instance of Language Translator service

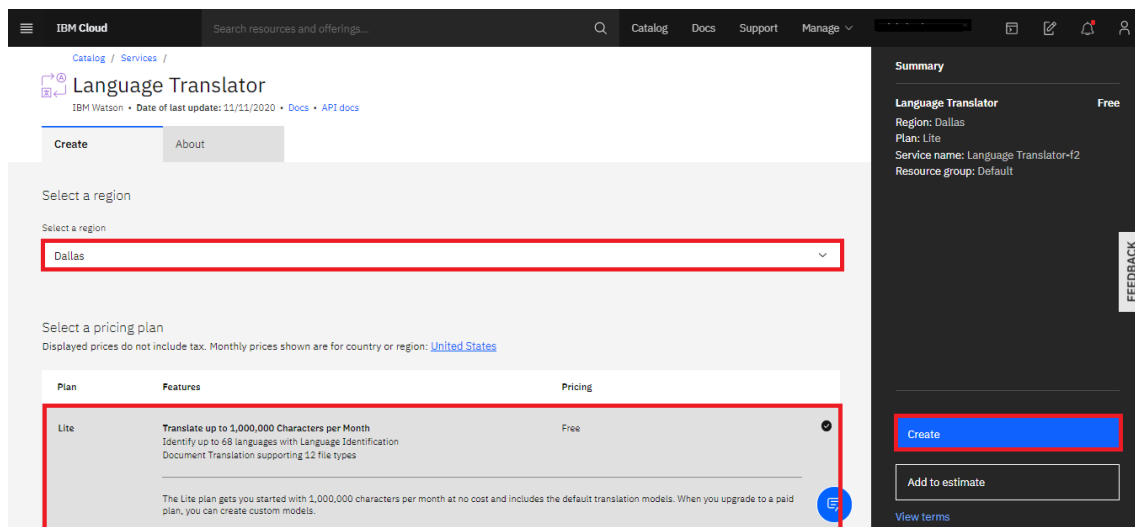
Scenario

Language Translator, which is available as a service on IBM Cloud, and a component of the IBM Cloud Pak for Data, allows you to translate text from one language to another. In this exercise, you will add an instance of the Language Translator service to your IBM Cloud account.

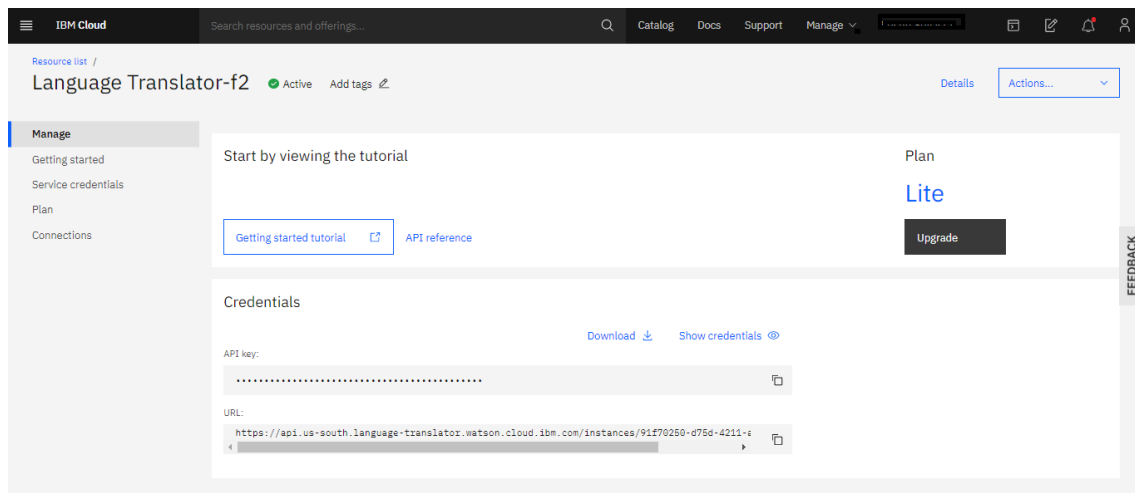
1. In the [IBM Cloud Catalog](#) go to the [Language Translator listing](#)



- On the Language Translator page, select the **Region**, verify that the **Lite** plan is selected, and then click **Create**.



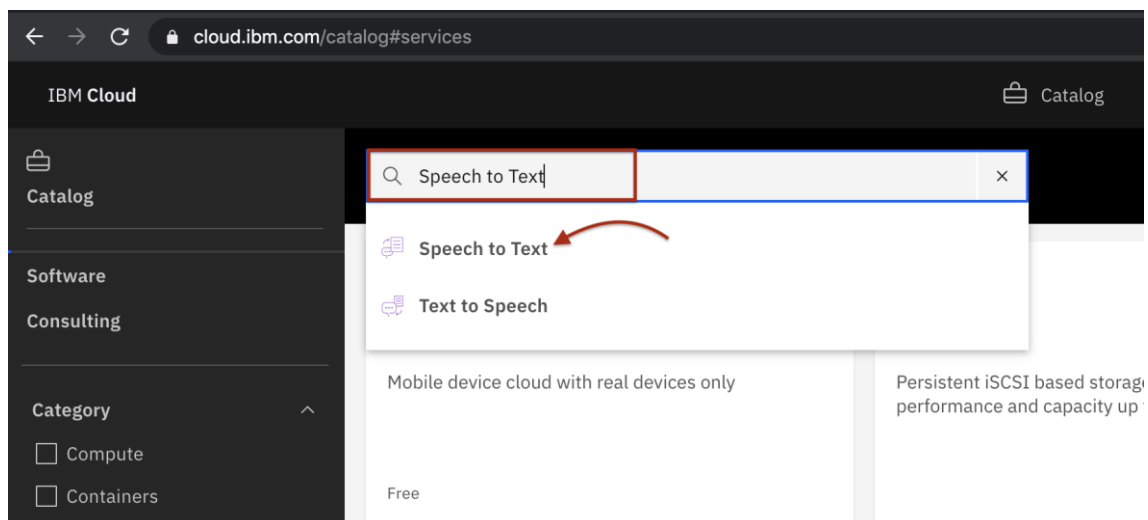
- Once the Language Translator instance is successfully created, you'll get the below screen. Copy the credentials and paste into a file using a text editor on your system.



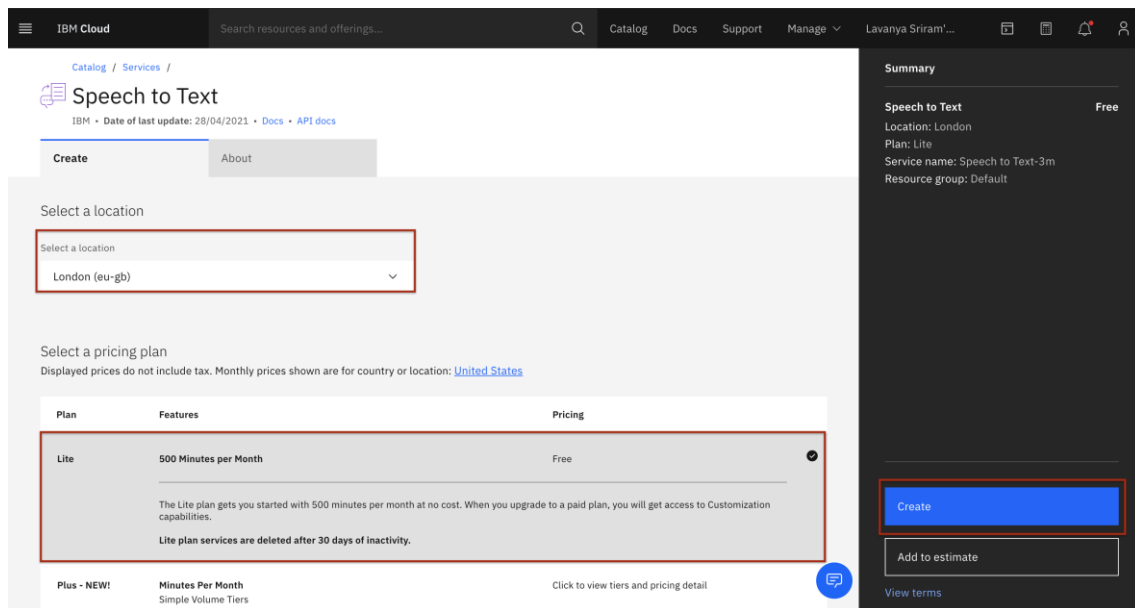
Step 2: Create a Speech to Text Instance

Speech to Text, which is available as a service on IBM Cloud provides an API to add speech transcription capabilities to applications. In this exercise, you will add an instance of the Speech To Text service to your IBM Cloud account.

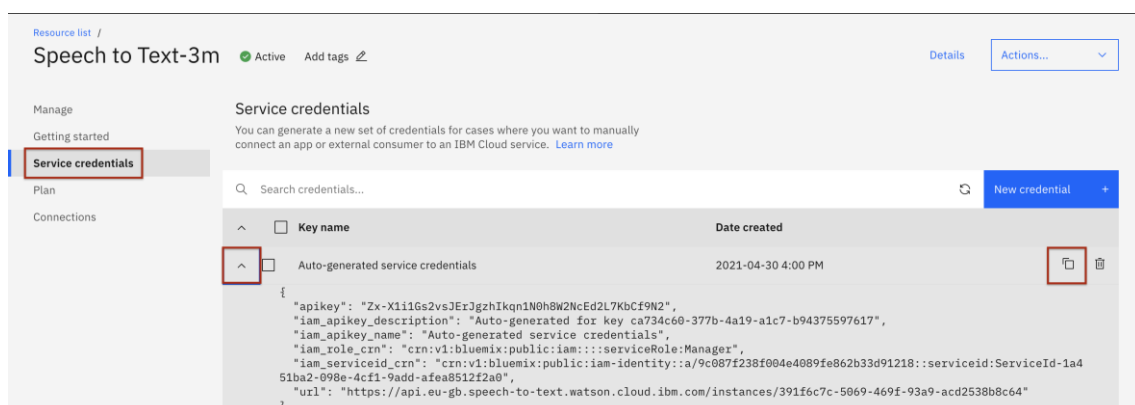
1. In the [IBM Cloud Catalog](#), type Speech to Text in the Search box and choose the service or go to [Speech to Text Service](#)



2. On the Speech To Text Service page, select a **Region**, verify that the **Lite** plan is selected, and then click **Create**.



- Once the Speech to Text instance is successfully created, you'll be taken to the instance page. Choose the **Service Credentials** and copy the Auto-generated credentials and paste it into a file using the text editor in your system. You will need to use this later.



Author(s)

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Change log

| Date | Version | Changed by | Change Description |
|------------|---------|---------------|-----------------------------|
| 2020-04-30 | 2.4 | Lavanya | Changed the images |
| 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 |

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