

TEAM ID : PNT2022TMID40129

PROJECT NAME : Personal Assistance for seniors who are self-reliant.

## Text To Speech Service

### Step 1

The screenshot shows the IBM Cloud catalog page for the Text to Speech service. The page is in a dark theme. The top navigation bar includes the IBM Cloud logo, a search bar, and links to Catalog, Manage, and a user profile. The main content area is divided into a left sidebar and a main panel. The sidebar contains metadata for the service: Type (Service), Provider (IBM), Last updated (11/04/2022), Category (AI / Machine Learning), Compliance (EU Supported, HIPAA Enabled, IAM-enabled), and Location (Sydney, Frankfurt, London, Tokyo, Washington DC, Dallas). The main panel has a 'Text to Speech' header with a description 'Synthesizes natural-sounding speech from text.' Below this are 'Create' and 'About' tabs. The 'Create' tab is active, showing a 'Select a location' dropdown set to 'London (eu-gb)' and a 'Select a pricing plan' section. The pricing plan section displays a table with two plans: 'Lite' and 'Standard'. The 'Lite' plan is selected and highlighted. The 'Summary' panel on the right shows the service name 'Text to Speech', location 'London', plan 'Lite', service name 'Text to Speech-mt', and resource group 'Default'. It also includes a 'Create' button and a link to 'Add to estimate'.

cloud.ibm.com/catalog/services/text-to-speech

IBM Cloud

Search resources and products...

Catalog /

### Text to Speech

Synthesizes natural-sounding speech from text.

Create About

Type: Service

Provider: IBM

Last updated: 11/04/2022

Category: AI / Machine Learning

Compliance: EU Supported, HIPAA Enabled, IAM-enabled

Location: Sydney, Frankfurt, London, Tokyo, Washington DC, Dallas

Select a location

London (eu-gb)

Select a pricing plan

Displayed prices do not include tax. Monthly prices shown are for country or location: [United States](#)

Plan	Features	Pricing
Lite	10,000 Characters per Month	Free
Standard	Standard Characters	\$0.02 USD/THOUSAND CHAR

The Lite plan gets you started with 10,000 characters per month at no cost. When you upgrade to a paid plan, you will get access to Customization capabilities.

Lite plan services are deleted after 30 days of inactivity.

Summary

Text to Speech Free

Location: London

Plan: Lite

Service name: Text to Speech-mt

Resource group: Default

☒ I have read and agree to the following license agreements: [Terms](#)

Create

Add to estimate

## Step 2

The screenshot shows the IBM Cloud console interface for the 'Text to Speech-mt' service. The page is titled 'Getting started with Text to Speech' and is marked as 'Active'. The left sidebar contains navigation links: 'Manage', 'Getting started' (selected), 'Service credentials', 'Plan', and 'Connections'. The main content area displays the 'Getting started' guide, which includes a 'Last Updated' date of 2021-02-02. The guide explains that the IBM Watson™ Text to Speech service converts written text to natural-sounding speech. It provides a 'curl' command-based tutorial and examples for using the service's POST and GET endpoints. A video player is embedded in the guide, showing a 'Get started with Watson Text to Speech' video. The video player has a play button and a progress bar. The bottom of the screenshot shows the Windows taskbar with various application icons and the system clock indicating 2:05 PM on 11/18/2022.

cloud.ibm.com/services/text-to-speech/crm%3Av1%3Abluemix%3Apublic%3Atext-to-speech%3Aeu-gb%3Aa%2Fcce756ba08e344b0b71512c700a7c789%3A7dc5f9aa-f738-485c-a784-8689bb...

IBM Cloud

Search resources and products...

Resource list /

Text to Speech-mt Active Add tags

Details Actions...

Manage

Getting started

Service credentials

Plan

Connections

### Getting started with Text to Speech

Last Updated: 2021-02-02


The IBM Watson™ Text to Speech service converts written text to natural-sounding speech to provide speech-synthesis capabilities for applications. This `curl`-based tutorial can help you get started quickly with the service. The examples show you how to call the service's `POST` and `GET /v1/synthesize` methods to request an audio stream.

**IBM Cloud® only.** Watch the following video for a visual summary of getting started with the Text to Speech service.

Get started with Watson Text to Speech

ENG 2:05 PM 11/18/2022

## Step 3



### Watson Text to Speech Voices

Listen to voices across languages and dialects

Language: English ▼

Dialect: American ▼


Enhanced neural voice: Henry ▼


Use the sample text or enter your own text in English


It's medicine time.


Adjust speed: 0.2x — 1.7x

Adjust pitch: 0% ▼

Play voice: 

**What is a Neural Voice?**  
By using Deep Neural Networks trained on human speech, Watson can produce natural-sounding and smooth voice quality.  
[Learn more](#) about the science behind the service

**Custom Voice Training**  
To distinguish your brand, work with IBM to train a voice that suits your distinct style with as little as one hour of audio.  
[Learn more](#) about creating custom voices

**Tune Neural Voices by Example**  
Use your own voice to adjust for misplaced pauses, awkward inflections or a general unnatural feel.  
[Learn more](#) about Tune by Example

[Terms of use](#)

Interested in Watson Text to Speech? [Get Started on IBM Cloud](#)

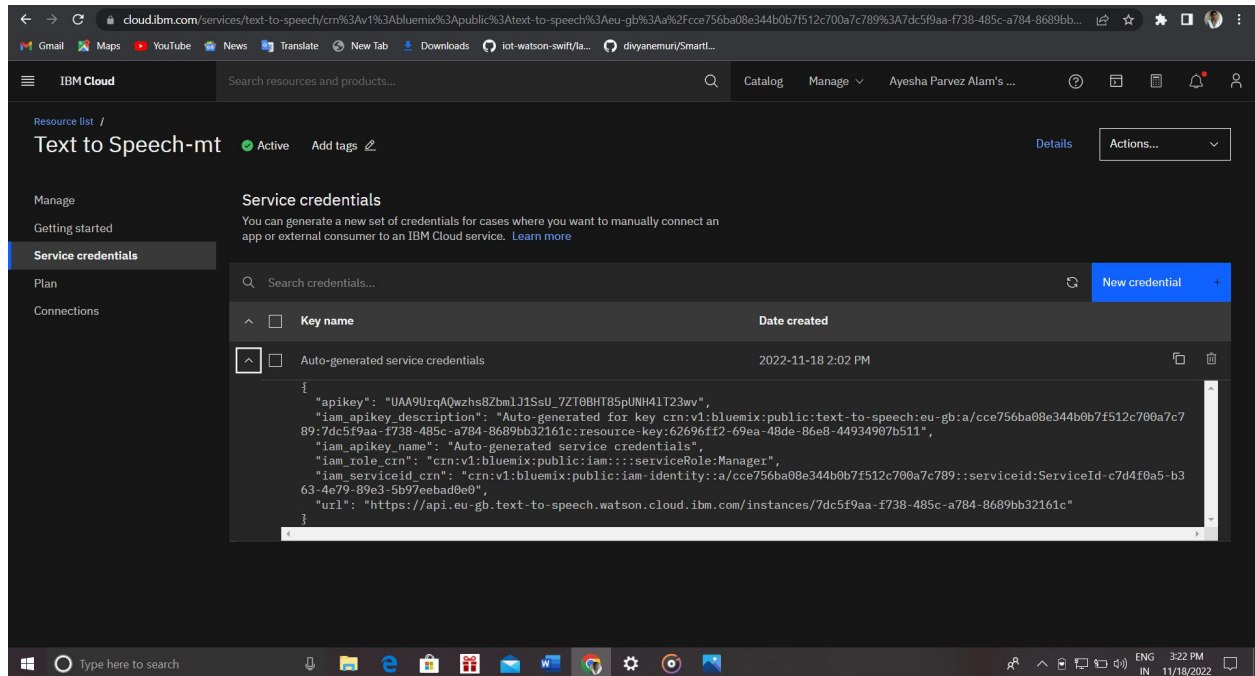
FEEDBACK

This system is for demonstration purposes only and is not intended to process Personal Data.  
No Personal Data is to be entered into this system as it may not have the necessary controls in place to meet the requirements of the General Data Protection Regulation (EU) 2016/679.

Type here to search

ENG 3:05 PM  
IN 11/18/2022

## Step 4



The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM Cloud logo, a search bar, and user information. The left sidebar contains a 'Resource list' with 'Text to Speech-mt' selected. The main content area is titled 'Service credentials' and includes a 'New credential' button. A table lists the generated credentials, showing a JSON object with fields like 'apikey', 'iam\_apikey\_description', 'iam\_apikey\_name', 'iam\_role\_crn', 'iam\_serviceid\_crn', and 'url'.

Resource list / **Text to Speech-mt** Active [Add tags](#) [Details](#) [Actions...](#)

Manage

Getting started

**Service credentials**

Plan

Connections

**Service credentials**

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

[New credential](#)

Key name	Date created
Auto-generated service credentials	2022-11-18 2:02 PM

```
{
  "apikey": "UAA9UrgAQwzhs8Zbm1JISsU_7ZT0BHT85pUNH41T23av",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:text-to-speech:eu-gb:a/cce756ba08e344b0b7f512c700a7c789%3A7dc5f9aa-f738-485c-a784-8689bb32161c:resource-key:62696ff2-69ea-48de-86e8-44934967b511",
  "iam_apikey_name": "Auto-generated service credentials",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/cce756ba08e344b0b7f512c700a7c789::serviceid:ServiceId-c7d4f0a5-b363-4e79-89e3-5b97eebad0e0",
  "url": "https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/7dc5f9aa-f738-485c-a784-8689bb32161c"
}
```

## Step 5

The screenshot shows the IBM Cloud console for the 'Text to Speech-mt' service. The interface is in a dark theme. At the top, the browser address bar shows the URL: `cloud.ibm.com/services/text-to-speech/crn%3Av1%3Abluemix%3Apublic%3Atext-to-speech%3Aeu-gb%3Aa2fccc756ba08e344b0b7f512c700a7c789%3A7dc5f9aa-f738-485c-a784-8689bb...`. The IBM Cloud header includes a search bar and navigation links like 'Catalog', 'Manage', and 'Ayesha Parvez Alam's ...'. The main content area is titled 'Text to Speech-mt' with a status of 'Active' and an 'Add tags' link. A left sidebar contains navigation options: 'Manage' (selected), 'Getting started', 'Service credentials', 'Plan', and 'Connections'. The main panel is divided into three sections: 'Start by viewing the tutorial' with links to 'Getting started tutorial' and 'API reference'; 'Credentials' with fields for 'API key' and 'URL' (containing `https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/7dc...`); and 'Plan' showing the 'Lite' plan with an 'Upgrade' button. The Windows taskbar at the bottom shows the time as 3:25 PM on 11/18/2022.