A Solution to convert the speech into text in given entity in CRM

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Overview
The Speech-to-Text solution converts audio to text for any given entity using Azure Cognitive Services (Bing Speech API), enabling users to transcribe spoken audio into text in real time. Other features include end-of-speech detection, profanity masking, capitalization and punctuation, and normalization.

NEW: All languages supported.

Verify the Solution after Installation
After downloading the solution from https://appsource.microsoft.com/en-us the following components should be present in Dynamics 365.

Below are the Components.
Create Cognitive Services under Azure Subscription

Create Cognitive Service with Speech to Text API. Example given below...


Click on Try it Now and Login into your Azure Subscription (by selecting Existing Azure account)
Provide the details as mentioned below:

After deployment, Navigate to keys to copy the key1 or key2
After creating Cognitive Service, copy the Keys.

## Configuring Entities

### Speech to Text Global Configurations

1. Click on Advance find and select **Speech to Text Global Configurations** entity as shown below.

2. Click on **New Speech to Text Global Configuration**.

3. Provide **Name** and **Speech Subscription Key** (copied when generating Cognitive service).
4. User needs to input which region their speech service is deployed in. They will find the regions here - [https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/rest-speech-to-text#regions-and-endpoints](https://docs.microsoft.com/en-us/azure/cognitive-services/speech-service/rest-speech-to-text#regions-and-endpoints)
They must include region correctly as it comes in the url. For example, if their service is deployed in South Central US, they must write it as "southcentralus".

**Speech To Text Entity Configurations**

1. Click on Advance Find and select *Speech To Text Entity Configurations* as shown below.

2. Click on Results and create new *Speech To Text Entity Configuration* and enter the details as shown below.

**NOTE:** Speech To Text can be applied to additional entities through their respective configurations.

**Functionality**

1. Create a new email. The SPEECH TO TEXT START button should be visible.
2. Click on SPEECH TO TEXT START to begin; the system will ask to allow microphone: Click on Allow button to start.

![Image of Allow button](image)

3. Start speaking; the converted speech will appear in the Email body. Click on SPEECH TO TEXT STOP button when finished speaking.

![Image of New Email form](image)

Hello.

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