

CREATE TEXT TO SPEECH SERVICE

TEAM ID	PNT2022TMID39429
PROJECT TITLE	PERSONAL ASSISTANCE FOR SENIORS WHO ARE SELF RELIANT

STEP 1:

TEXT TO SPEECH SERVICE CREATION STATUS AND CREDENTIAL DETAILS

The screenshot shows the IBM Cloud interface for managing a 'Text to Speech' service. The top navigation bar includes 'IBM Cloud', a search bar, 'Catalog', 'Manage', and 'MINUTHAA'S Account'. Below the navigation is a breadcrumb trail 'Resource list / Text to Speech-is' with status 'Active' and an 'Add tags' button. On the left, a sidebar has 'Manage' selected, showing 'Getting started', 'Service credentials', 'Plan', and 'Connections'. The main content area displays a 'Tutorial' section with a 'Start by viewing the tutorial' button, 'Plan' set to 'Lite', and an 'Upgrade' button. At the bottom, a 'Credentials' section shows an 'API key' field containing a redacted string and a 'URI' field containing 'https://api.eu-gb.text-to-speech.watson.cloud.ibm.com'. There are 'Download' and 'Show credentials' buttons.

STEP 2:

EXECUTION FOR THE PROGRAM

```
TEXT TO SPEECH PYTHON CODE.py - D:\IBM PROJECT\PROJECT DEVELOPMENT PHASE\SPRINT-3\TEXT TO SPEECH SERVICE\TEXT TO SPEECH PYTHON CODE.py (3.7)
```

```
File Edit Format Run Options Window Help
from ibm_watson import TextToSpeechV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator
authenticator = IAMAuthenticator('C3DQwetibHmc0fJdnXKt5LndqBrypzbhlf0m')
text_to_speech = TextToSpeechV1(
    authenticator=authenticator
)

text_to_speech.set_service_url("https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/instances/fe71091d-dff0-413a-8482-f77bd12749e0")
with open('HelloWorld.wav', 'wb') as audio_file:
    audio_file.write(
        text_to_speech.synthesize(
            'Take Care Now',
            voice='es-US_AllisonWVVoice',
            accept='audio/wav'
        ).get_result()['content']
```