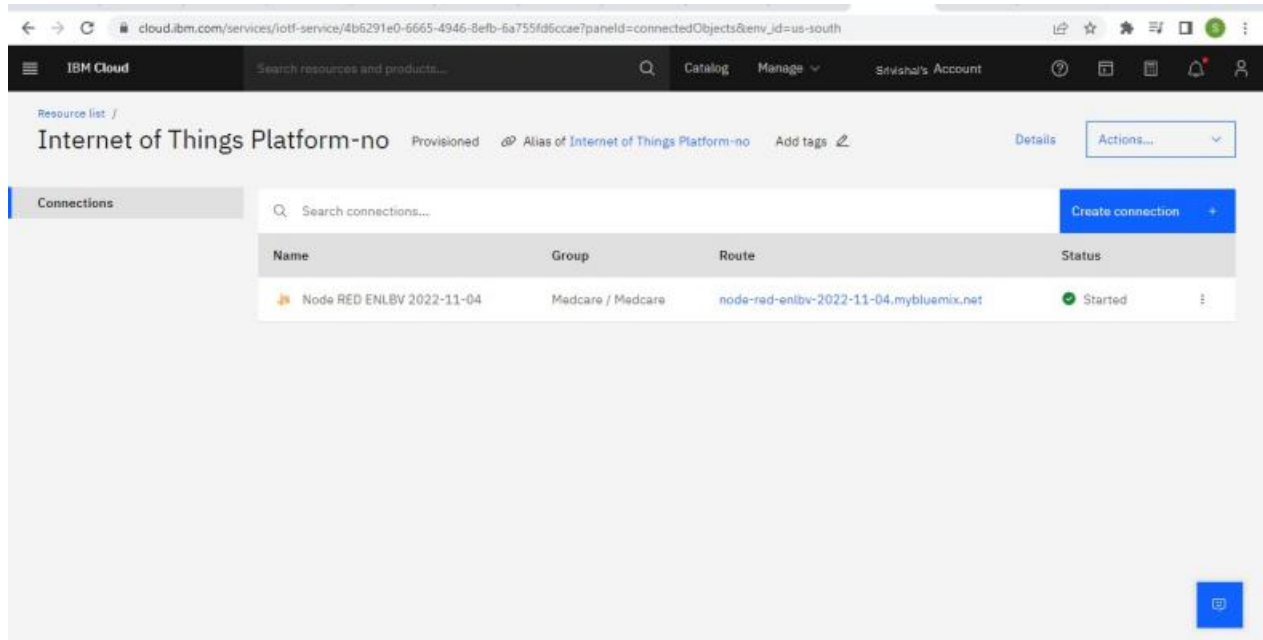
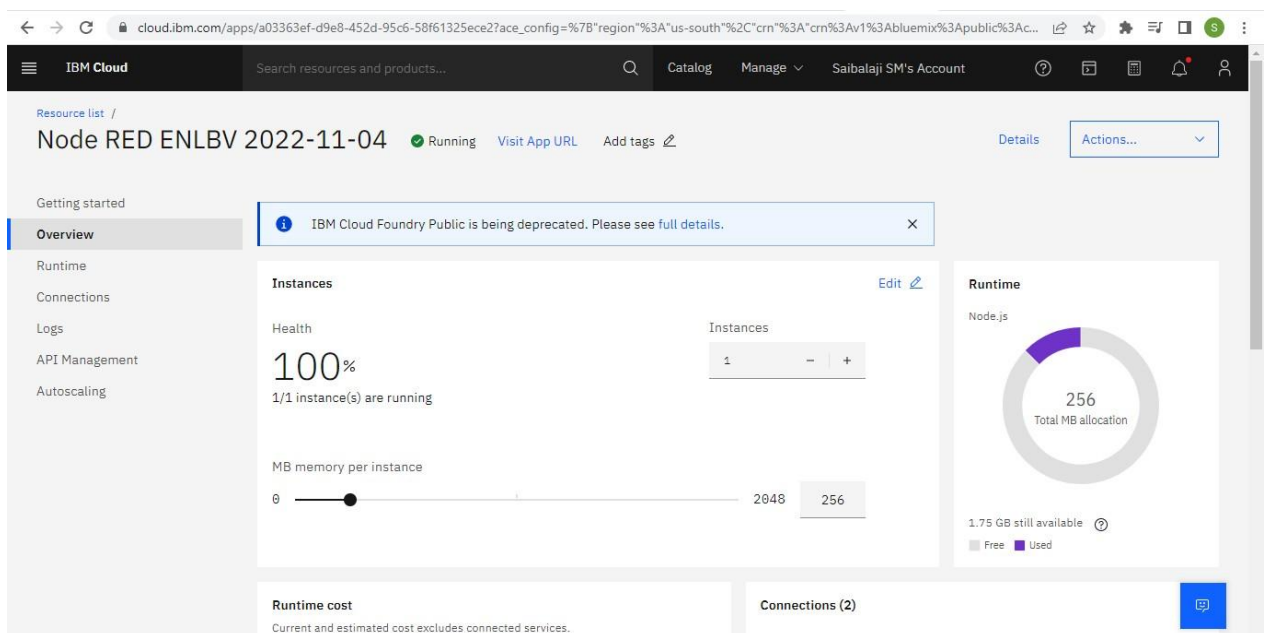


CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE IBM WATSON IOT PLATFORM & DEVICE:



CREATE NODE RED SERVICE:



CREATE TEXT TO SPEECH SERVICE:

The screenshot shows the IBM Cloud console for the 'Text to Speech-3j' service. The service is in an 'Active' state. On the left, the 'Manage' tab is selected, showing options like 'Getting started', 'Service credentials', 'Plan', and 'Connections'. The main area has a 'Start by viewing the tutorial' section with links to 'Getting started tutorial' and 'API reference'. To the right, the 'Plan' section shows the 'Lite' plan with an 'Upgrade' button. Below these, the 'Credentials' section displays the 'API key' and 'URL'.

Resource list /
Text to Speech-3j Active [Add tags](#)

Manage
Getting started
Service credentials
Plan
Connections

Start by viewing the tutorial

[Getting started tutorial](#) [API reference](#)

Plan
Lite
[Upgrade](#)

Credentials

[Download](#) [Show credentials](#)

API key:
.....

URL:
`https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/`

CREATE A DATABASE IN CLOUDANT DB:

The screenshot shows the Cloudant DB dashboard for a database named 'medicine'. The left sidebar contains navigation links: 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area displays a table view of documents. The table has columns for 'id', 'key', and 'value'. There are four documents listed. At the bottom, it shows 'Showing document 1 - 4' and 'Documents per page: 20'.

531665c2-3667-4c6a-8eb7-df74d7359f6a-bluemix.cloudant.com/dashboard.html#database/medicine/_all_docs

Document ID

Options {} JSON

Table Metadata {} JSON

Create Document

id	key	value
29440dbeac8a10d2cb9f0f346666f697	29440dbeac8a10d2cb9f0f346666f697	{ "rev": "1-70d8f1860bf9e57bf8fc3..." }
83e5668e3ec72adeb4fed7e9f43338cf	83e5668e3ec72adeb4fed7e9f43338cf	{ "rev": "1-1e08cd50f603dcb405cab..." }
c9b454cf1148e5f9a759cd99e764db00	c9b454cf1148e5f9a759cd99e764db00	{ "rev": "1-181f8e75ad729ebad817f2..." }
edc3862645df283dae392c3b6e14a2...	edc3862645df283dae392c3b6e14a2...	{ "rev": "1-47b9ad0231a6c7446a60b..." }

Showing document 1 - 4. Documents per page: 20