

CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE IBM WATSON IOT PLATFORM & DEVICE:

The screenshot shows the IBM Cloud console for the Internet of Things Platform. The breadcrumb trail is "Resource list / Internet of Things Platform-no". The resource is in a "Provisioned" state and has an alias of "Internet of Things Platform-no". A "Connections" tab is selected on the left. The main area displays a table of connections:

Name	Group	Route	Status
Node RED ENLBV 2022-11-04	Medcare / Medcare	node-red-enlbv-2022-11-04.mybluemix.net	Started

A "Create connection" button is visible in the top right of the connections list.

CREATE NODE RED SERVICE:

The screenshot shows the IBM Cloud console for the Node RED service. The breadcrumb trail is "Resource list / Node RED ENLBV 2022-11-04". The resource is in a "Running" state. A notification banner at the top states: "IBM Cloud Foundry Public is being deprecated. Please see full details." The left sidebar shows the "Overview" tab selected. The main area displays the following information:

- Instances:** Health is 100%. 1/1 instance(s) are running. A slider for "MB memory per instance" is set to 256 MB (out of a maximum of 2048 MB).
- Runtime:** A donut chart shows 256 MB total allocation, with a portion used. A note indicates "1.75 GB still available".
- Runtime cost:** A section for current and estimated cost, excluding connected services.
- Connections (2):** A link to view the connections for this service.

CREATE TEXT TO SPEECH SERVICE:

The screenshot shows the IBM Cloud console for the 'Text to Speech-3j' service. The page is titled 'Text to Speech-3j' and indicates it is 'Active'. A sidebar on the left contains a 'Manage' section with links for 'Getting started', 'Service credentials', 'Plan', and 'Connections'. The main content area has a 'Start by viewing the tutorial' section with links to 'Getting started tutorial' and 'API reference'. Below this is a 'Credentials' section showing an API key and a URL. On the right, there is a 'Plan' section showing the 'Lite' plan with an 'Upgrade' button.

Resource list /
Text to Speech-3j Active Add tags

Details Actions...

Manage

- Getting started
- Service credentials
- Plan
- Connections

Start by viewing the tutorial

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

Credentials

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

API key:

URL:

<https://api.eu-gb.text-to-speech.watson.cloud.ibm.com/>

Plan

Lite

[Upgrade](#)

CREATE A DATABASE IN CLOUDANT DB:

The screenshot shows the Cloudant DB dashboard for a database named 'medicine'. The left sidebar contains a 'Log Out' button and a list of navigation items: 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main content area displays a table 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'.

medicine

Document ID

Options { } JSON

[Create Document](#)

id	key	value
29440dbeac8a10d2cb9f0f346666f697	29440dbeac8a10d2cb9f0f346666f697	{ "rev": "1-70d8f1860bfb9e57bfd8fc3..." }
83e5668e3ec72adeb4fed7e9f43338cf	83e5668e3ec72adeb4fed7e9f43338cf	{ "rev": "1-1e08cd50f603dcb405cab..." }
c9b454cf1148e5f9a759cd99e764db00	c9b454cf1148e5f9a759cd99e764db00	{ "rev": "1-181f8e75ad729ebad817f2..." }
edc3862645df283dae392c3b6e14a2...	edc3862645df283dae392c3b6e14a2...	{ "rev": "1-47b9ad0231a6c7446a60b..." }

Showing document 1 - 4. Documents per page: 20