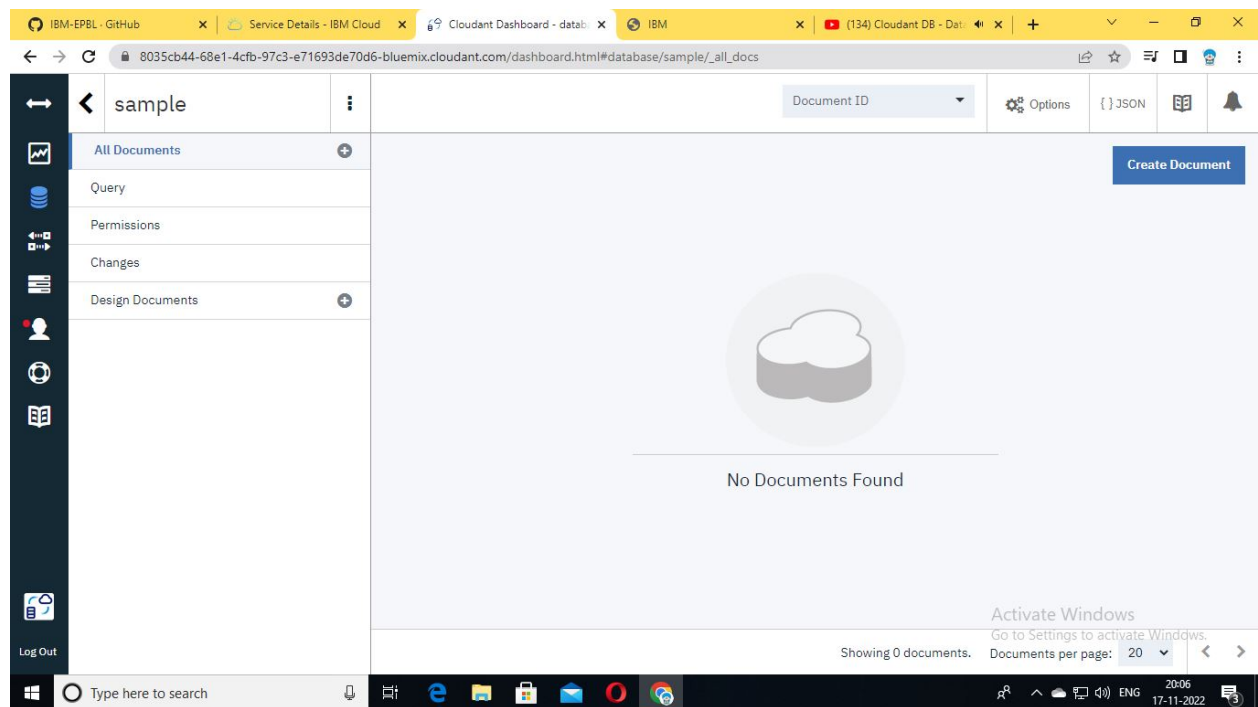


# CREATE AND CONFIGURE IBM SERVICES

## Create a Database in Cloudbant DB

Date	16 OCTOBER 2022
Team ID	PNT2022TMID47521
Project Name	IOT based smart crop protection system for agriculture



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8035cb44-68e1-4cfb-97c3-e71693de70d6-bluemix.cloudant.com/dashboard.html#database/sample/\_all\_docs

sample

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npm install @ibm-cloud/cloudant

Library for Node.js

- IBM Cloudant SDK for Node.js

Python

The IBM Cloudant SDK for Python library is the official IBM Cloudant library for Python.

Install the IBM Cloudant SDK for Python library by running `pip` or `easy_install` as shown in the following examples:

```
pip install --upgrade "ibmcloudant>=0.0.27"
```

or

```
easy_install --upgrade "ibmcloudant>=0.0.27"
```

For more information, see the [python.org](#) website.

Library for Python

- IBM Cloudant SDK for Python

Go

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IBM Cloudant SDK for Go

Useful tools

You can use the following tools with IBM Cloudant.

Supported tools

Supported tools are maintained and supported by IBM Cloudant.

couchbackup

A tool that you use from the command line to back up an IBM Cloudant or CouchDB database to a text file.

To install `couchbackup`, run the following command by using `npm`:

```
npm install -g @cloudant/couchbackup
```

For more information, see [couchbackup](#).

Unsupported tools

Unsupported tools are not maintained or supported by IBM Cloudant.

cURL

A tool that you use from the command line to transfer data.

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IBM Cloud API Docs / Cloudant

## Introduction

Last updated: 2022-10-24

IBM® Cloudant® for IBM Cloud® is a document-oriented database as a service (DBaaS). It stores data as documents in JSON format. It is built with scalability, high availability, and durability in mind. It comes with a wide variety of indexing options that include MapReduce, IBM Cloudant Query, full-text indexing, and geospatial indexing. The replication capabilities make it easy to keep data in sync between database clusters, desktop PCs, and mobile devices.

Detailed documentation is also available such as a [Getting started tutorial](#), [API overview documentation, tutorials, and guides](#).

This documentation describes the Python SDK and examples. To see usage information and examples in your preferred SDK, select the language tab in the right pane.

## Endpoint URLs

The IBM Cloudant API uses an instance-specific endpoint URL for all regions. You can find your external endpoint by following these steps:

1. Go to the IBM Cloud dashboard and open an instance.
2. Click the Service credentials tab.
3. Click the Show button to reveal the endpoint URL.

CurlJavaNodePythonGo

The code examples on this tab use the IBM Cloudant SDK for Python.

### Installation

```
pip3 install ibmcloudant
```

### GitHub

<https://github.com/ibm/cloudant-python-sdk>

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