

# CREATE DATABASE

The screenshot shows the Cloudant Databases dashboard in a web browser. The browser's address bar displays the URL: `https://83508cea-e148-4975-8a40-100ceb58c567-bluemix.cloudant.com/dashboard.html#/all_dbs`. The dashboard has a dark sidebar on the left with icons for navigation. The main content area is titled "Databases" and includes a "Database name" dropdown, a "Create Database" button, and a JSON icon. Below this is a table titled "Your Databases" with the following data:

Name	Size	# of Docs	Partitioned	Actions
my_database	2 bytes	1	No	[Icons: Edit, Lock, Delete]
mydb	2 bytes	1	No	[Icons: Edit, Lock, Delete]
plant	0 bytes	0	No	[Icons: Edit, Lock, Delete]

At the bottom of the dashboard, it says "Showing 1-3 of 3 databases. Databases per page 20". The Windows taskbar at the bottom shows the search bar, taskbar icons, and system tray information: 30°C Mostly sunny, 12:31, 18-11-2022.

```
from cloudant.client import Cloudant
```

IBM Cloud

Search resources and products...

Service Details - IBM Cloud

Cloudant Dashboard - \_all\_d...

Resource list /

# Cloudant-z7

Active Add tags

Details Actions...

Manage

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential +

Key name	Date created
Deeplearning	2022-11-18 11:31 AM

```
{
  "apikey": "szX0cWlukV1v4z8rAndB0aitTHnp_HhNyHMk6puXR0he",
  "host": "83508cea-e148-4975-8a40-100ceb58c567-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/afa07ec061bc4cfeba20cd5d02378cd6:66e2ead8-abdf-4625-96f1-a4378f5cc780:resource-key:628e540f-54f9-413e-afdd-e7561f8547df",
  "iam_apikey_name": "Deeplearning",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/afa07ec061bc4cfeba20cd5d02378cd6::serviceid:ServiceId-0992dbfa-4558-4fdd-a688-4cf51877163b",
  "url": "https://83508cea-e148-4975-8a40-100ceb58c567-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "83508cea-e148-4975-8a40-100ceb58c567-bluemix"
}
```

```
# Authenticate using an IAM API key
client = Cloudant.iam('username', 'apikey', connect=True)
```

IBM Cloud

Search resources and products...

Service Details - IBM Cloud

Cloudant Dashboard - \_all\_d...

Resource list /

# Cloudant-z7

Active Add tags

Details Actions...

Manage

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential +

Key name	Date created
Deeplearning	2022-11-18 11:31 AM

```
{
  "apikey": "szX0cWlukV1v4z8rAndB0aitTHnp_HhNyHMk6puXR0he",
  "host": "83508cea-e148-4975-8a40-100ceb58c567-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:us-south:a/afa07ec061bc4cfeba20cd5d02378cd6:66e2ead8-abdf-4625-96f1-a4378f5cc780:resource-key:628e540f-54f9-413e-afdd-e7561f8547df",
  "iam_apikey_name": "Deeplearning",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity:a/afa07ec061bc4cfeba20cd5d02378cd6::serviceid:ServiceId-0992dbfa-4558-4fdd-a688-4cf51877163b",
  "url": "https://83508cea-e148-4975-8a40-100ceb58c567-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "83508cea-e148-4975-8a40-100ceb58c567-bluemix"
}
```

```
# Create a database using an initialized client  
my_database = client.create_database('my_database')
```