


## Create A Database In Cloudant DB

Team ID	PNT2022TMID18648
Project Name	IOT Based Smart Crop Protection System For Agriculture


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Databases


Database name ▾

 Create Database

{ } JSON









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cloudant	14 bytes	1	No	<div>    </div>

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## Programmatic authentication

In this scenario, authentication is configured by constructing an authenticator instance, supplying the configuration attributes programmatically, and then passing this instance to a client constructor.

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Tip: If you are using the IBM Cloud App Service, IBM Cloud® Continuous Delivery or IBM Cloud starter kits then you can programmatically configure your SDK using the `IBMCLOUDENV` tool to obtain the configuration information from bound services. The `IBMCLOUDENV` tool is available for [Go](#), [Java](#), [Spring](#), [Node.js](#), and [Python](#).

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SDK managing the IAM token.

```
from ibmcloudant.cloudant_v1 import CloudantV1
from ibm_cloud_sdk_core.authenticators import IAMAuthenticator

authenticator = IAMAuthenticator('{apikey}')

service = CloudantV1(authenticator=authenticator)

service.set_service_url('{url}')
```

Feedback

SDK managing session cookie.

```
from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator

authenticator = CouchDbSessionAuthenticator('{username}', '{password}')

service = CloudantV1(authenticator=authenticator)
```

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## 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 chevron next to the service credentials to open the credentials pane.
4. Copy the value from the `host` field and prefix it with the `https://` protocol. This value is the external endpoint.

For more information, see the [Locating your service credentials](#) tutorial.

Or you can copy your external endpoint by following these steps:

1. Go to the IBM Cloud dashboard and open an instance.
2. Under the Manage tab on the Overview page, see the External endpoint in the table.
3. Click **Copy** to copy the External endpoint. Paste the endpoint where you need your credentials.

A public endpoint looks something like these examples:

```
https://5111032-dd12-536e-09b3-432fg9f07e78-bluemix.cloudantnosqldb.appdomain.cloud
```

or

```
https://5111032-dd12-536e-09b3-432fg9f07e78-bluemix.cloudant.com
```

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Python

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