

**TEAM ID: PNT2022TMID51293**

# DATABASES

The screenshot shows the IBM Cloudant Databases management console. On the left is a dark sidebar with navigation icons and a 'Log Out' button at the bottom. The main area is titled 'Databases' and contains a table of databases. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. A single database named 'sample' is listed with a size of 1.2 KB, 1 document, and is not partitioned. Above the table is a 'Create Database' button and a search bar. Below the table, it says 'Showing 1-1 of 1 databases. Databases per page 20'.

Name	Size	# of Docs	Partitioned	Actions
sample	1.2 KB	1	No	

The screenshot shows the IBM Cloudant SDK documentation page. The left sidebar contains a navigation menu with sections like Overview, Introduction, Authentication, Event tracking, Error handling, Logging, and Methods. The main content area has a text box explaining the SDK and a code editor on the right. The code editor shows Python code for setting up the SDK with session and basic authentication. A 'FEEDBACK' button is visible on the right side of the code editor.

SDK using the `ibmcloudant` tool to obtain the configuration information from bound services. The `ibmcloudant` tool is available for `Go`, `Java` (Spring), `Node.js`, and `Python`.

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

SDK managing session cookie.

from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator

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

service = CloudantV1(authenticator=authenticator)

service.set_service_url('{url}')

Basic authentication.

from ibmcloudant.cloudant_v1 import CloudantV1
from ibmcloudant import CouchDbSessionAuthenticator
from ibm_cloud_sdk_core.authenticators import
BasicAuthenticator

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

service = CloudantV1(authenticator=authenticator)

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

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Usage details

Service credentials

Connections

Plan

Endpoints

Endpoints are used with your credentials (Bucket name, API Key, SDK) to tell your service where to look for your bucket. Choose an endpoint URL that is located in the same region as your service or application. [Learn more](#)

Select resiliency: Cross Region

Select location: ap-geo

	public	Private	Direct
ap-geo	s3.ap.cloud-object-storage.appdomain.cloud	s3.private.ap.cloud-object-storage.appdomain.cloud	s3.direct.ap.cloud-object-storage.appdomain.cloud
Tokyo	s3.tok.ap.cloud-object-storage.appdomain.cloud	s3.private.tok.ap.cloud-object-storage.appdomain.cloud	s3.direct.tok.ap.cloud-object-storage.appdomain.cloud
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Legacy Endpoints

