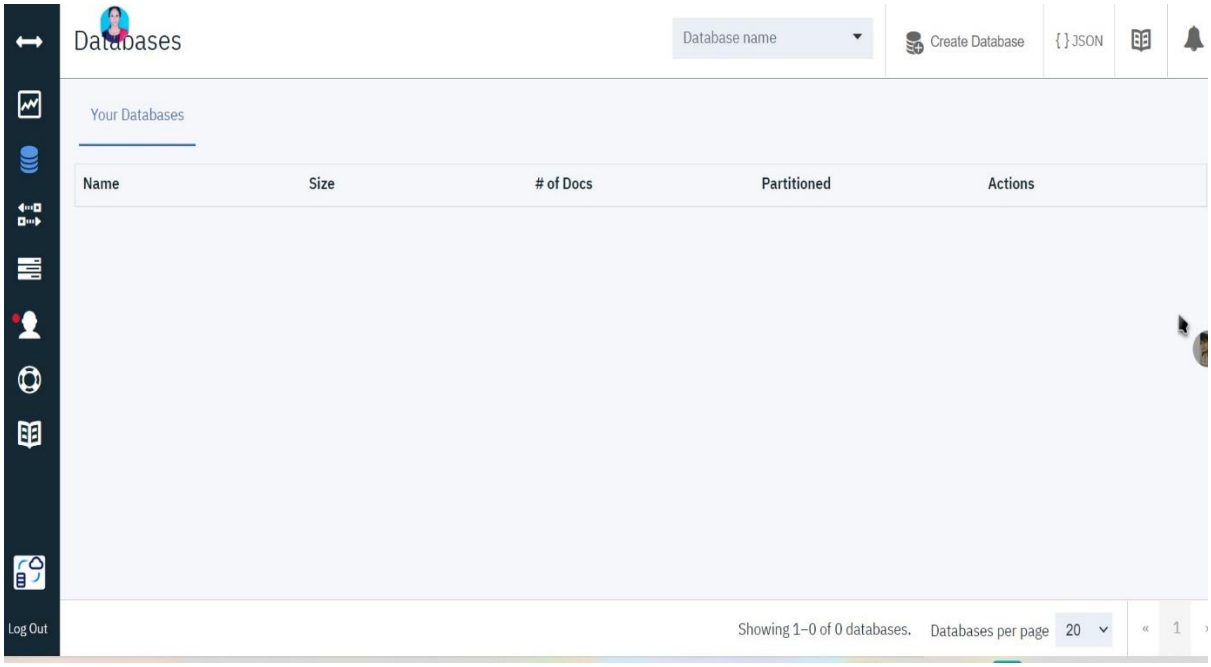
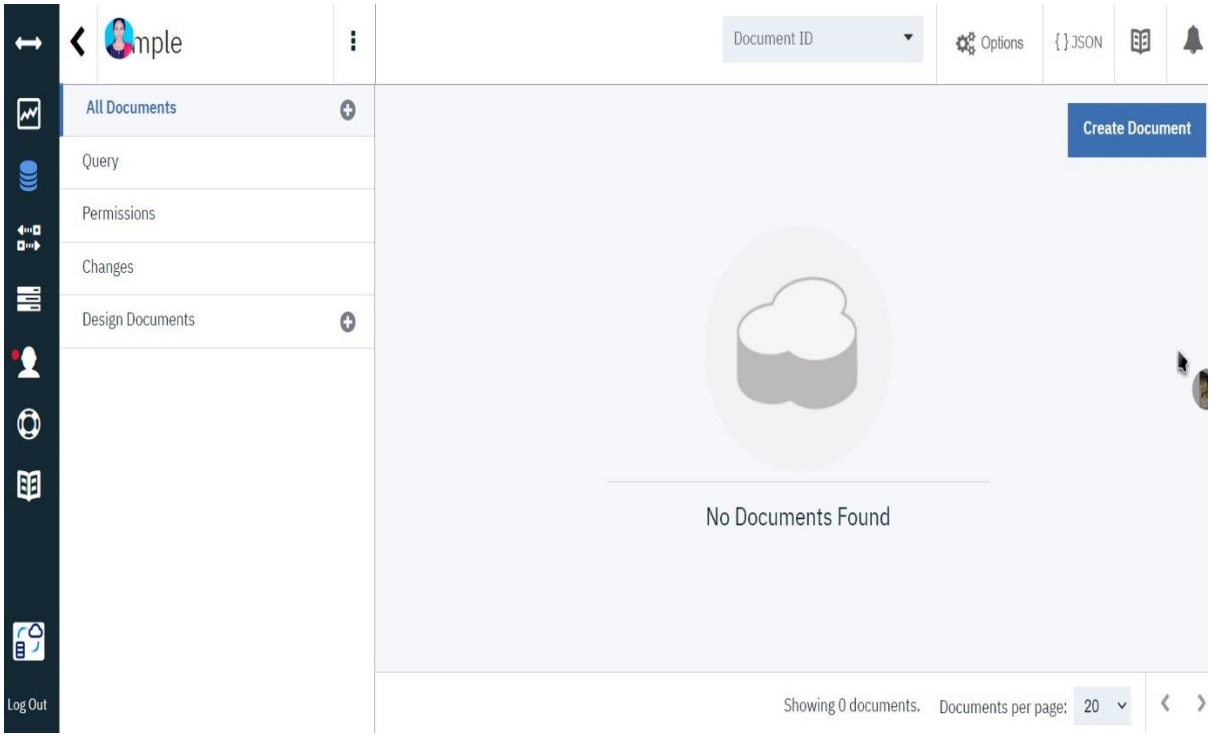
**CREATE A DATABASE IN CLOUDANT DB**

| | |
|---|---|
| Date | 28/8/2022 |
| Team ID | PNT2022TMID21741 |
| Project Name | Project – IOT based safety gadget for child safety monitoring and notification |
| Maximum Marks | 4 Marks |

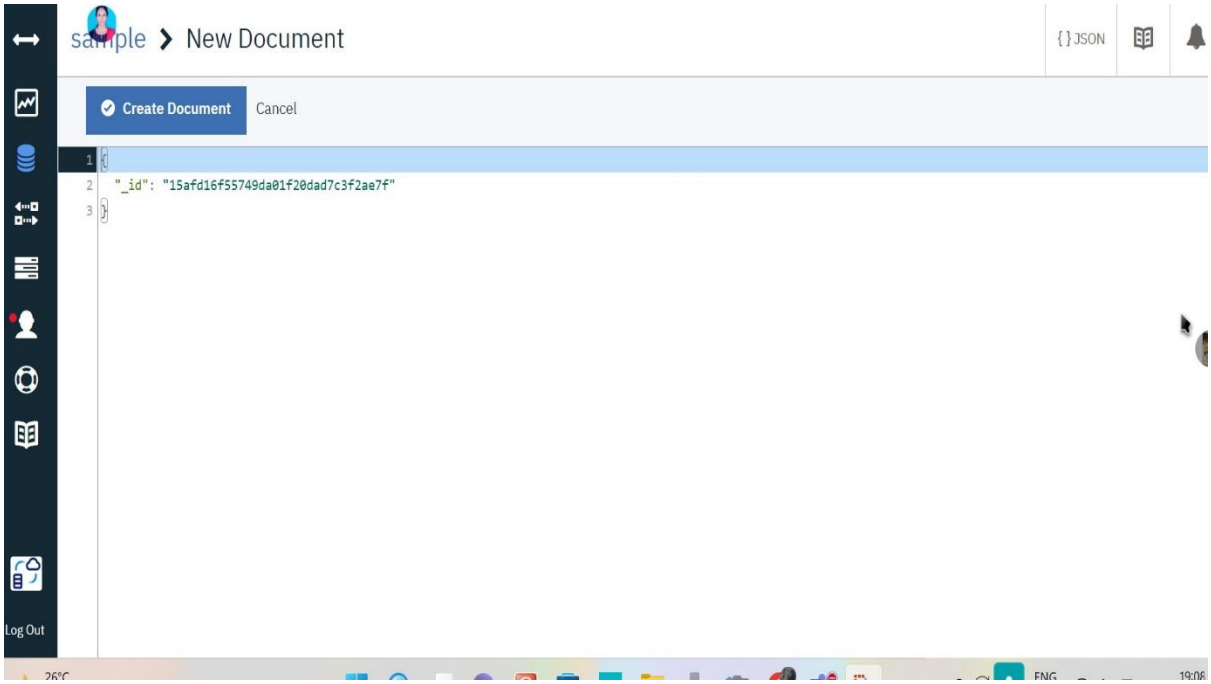
## STEP 1



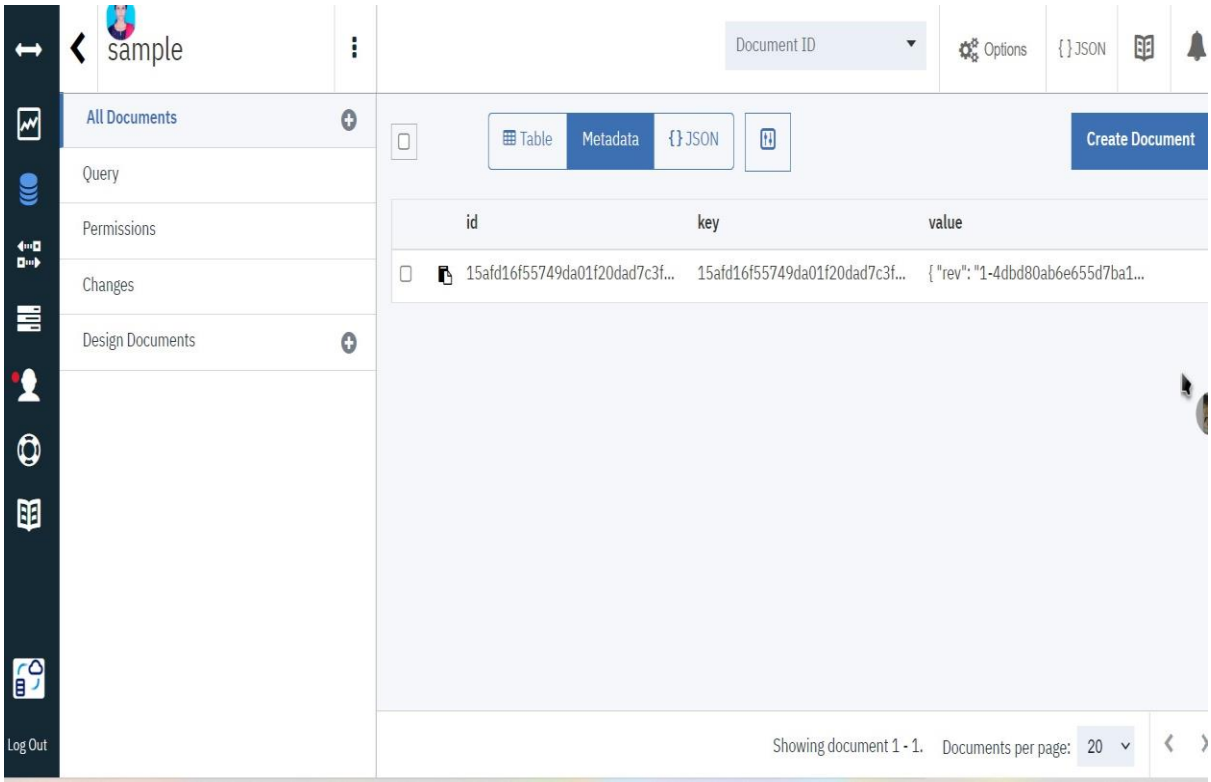

## STEP 2



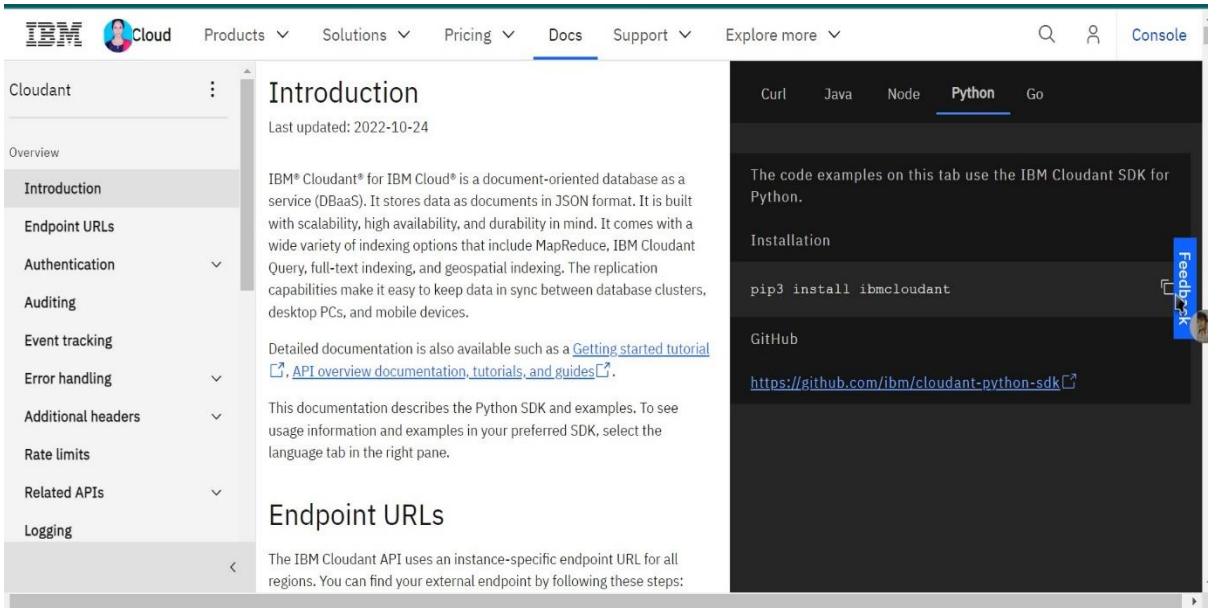
**STEP 3**


sample › New Document
{ } JSON
Create Document
Cancel
1 {
2 "_id": "15afd16f55749da01f20dad7c3f2ae7f"
3 }
Log Out

**STEP 4**


sample
Document ID
Options
{ } JSON
All Documents
Query
Permissions
Changes
Design Documents
Table
Metadata
{ } JSON
Create Document
id
key
value
15afd16f55749da01f20dad7c3f...
15afd16f55749da01f20dad7c3f...
{ "rev": "1-4dbd80ab6e655d7ba1...
Showing document 1 - 1.
Documents per page: 20
Log Out

## STEP 5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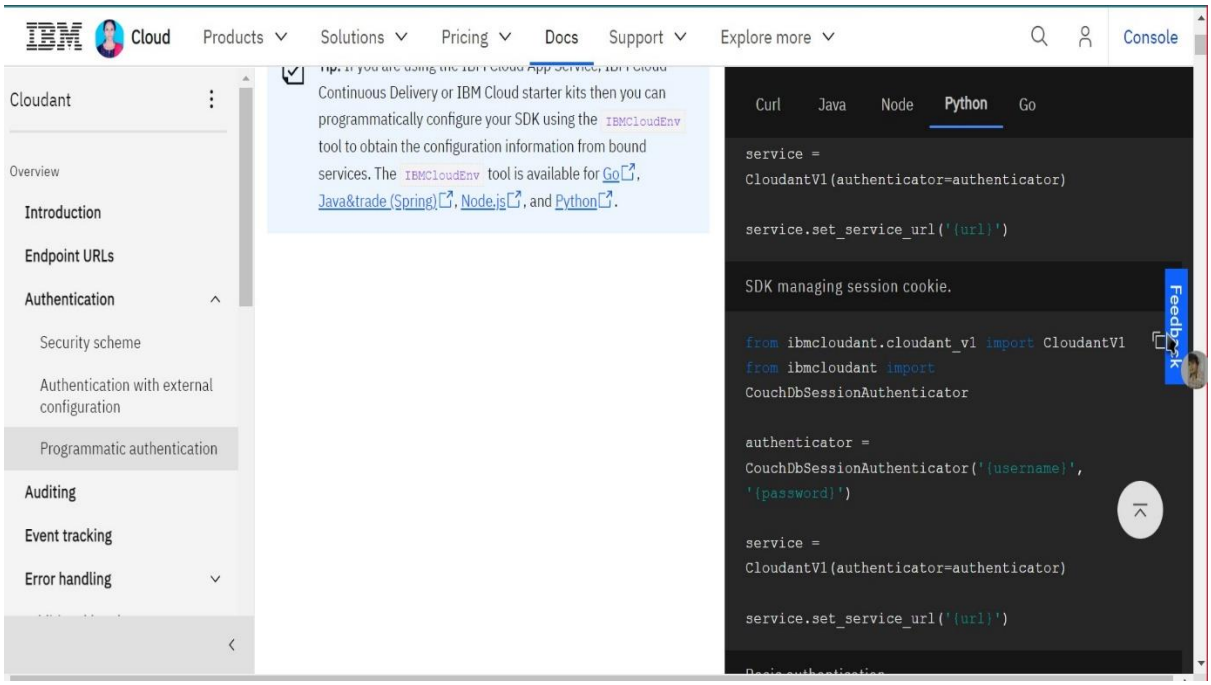
Overview
Introduction
Endpoint URLs
Authentication
Auditing
Event tracking
Error handling
Additional headers
Rate limits
Related APIs
Logging
Introduction
Last updated: 2022-10-24
IBM® Cloudant® for IBM Cloud® is a document-oriented database as a service (DBaaS). It stores data as documents in JSON format. 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:
Curl
Java
Node
Python
Go
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
Feedback

## STEP 6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Cloudant
Overview
Introduction
Endpoint URLs
Authentication
Security scheme
Authentication with external configuration
Programmatic authentication
Auditing
Event tracking
Error handling
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&trade (Spring), Node.js, and Python.
Curl
Java
Node
Python
Go
service = CloudantV1(authenticator=authenticator)
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}')
Feedback