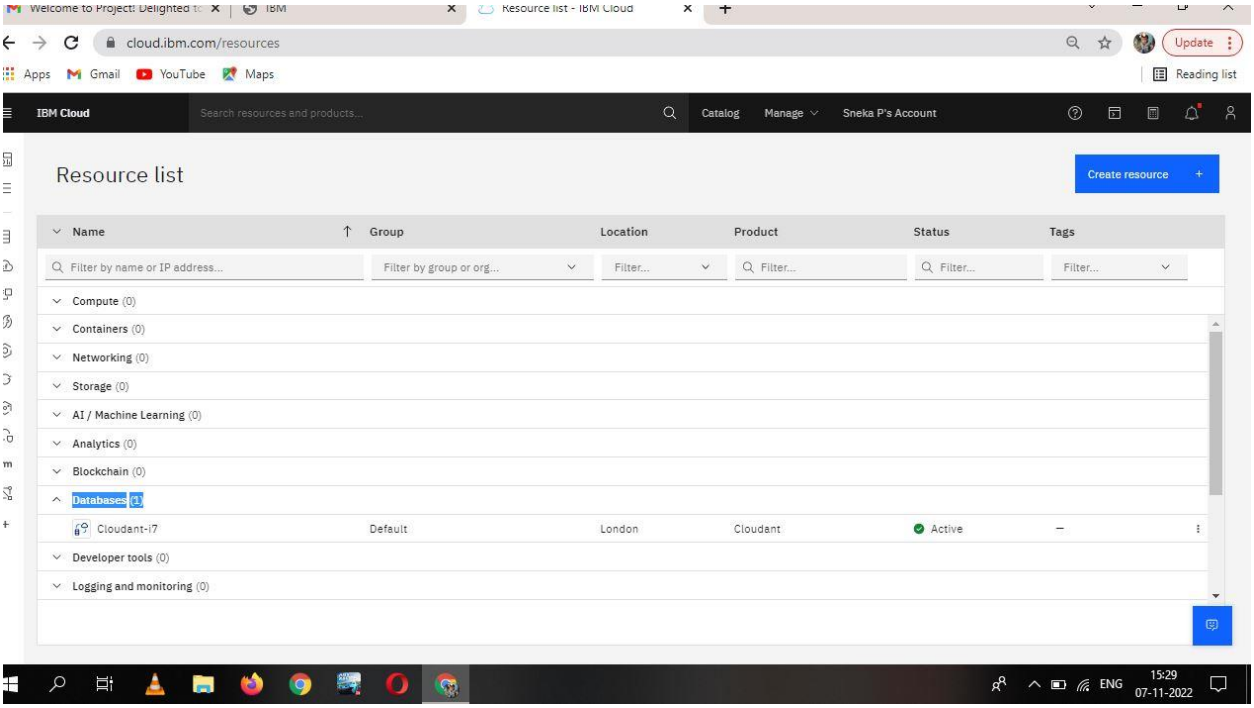
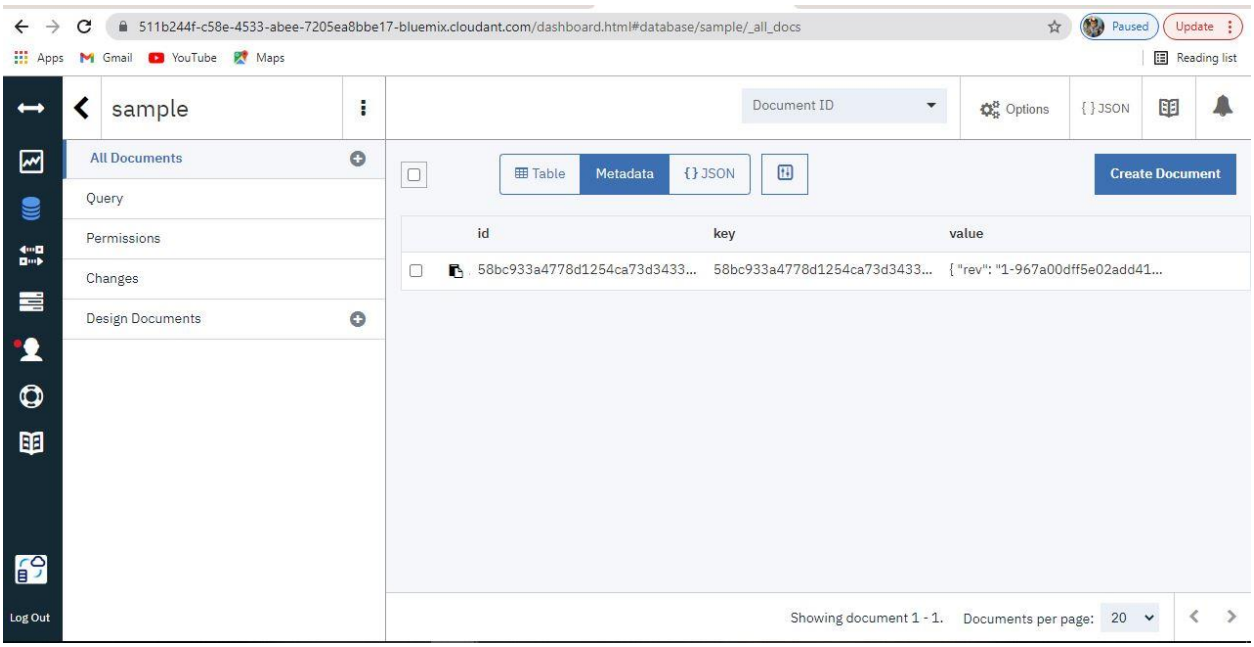
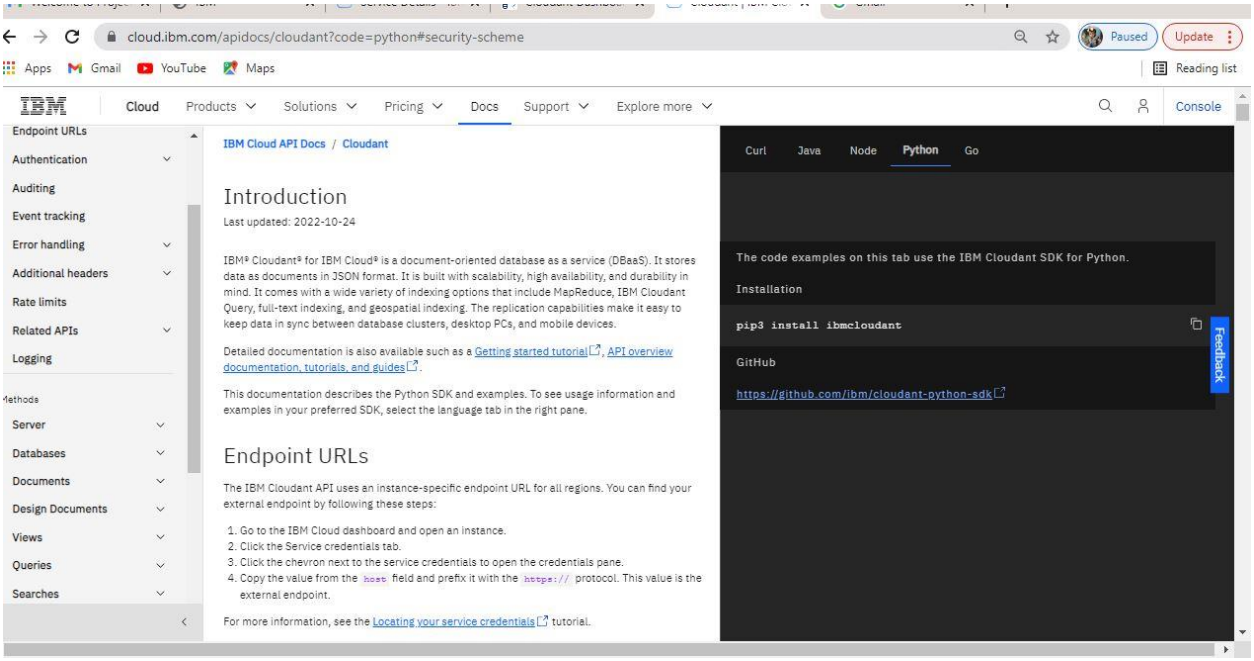
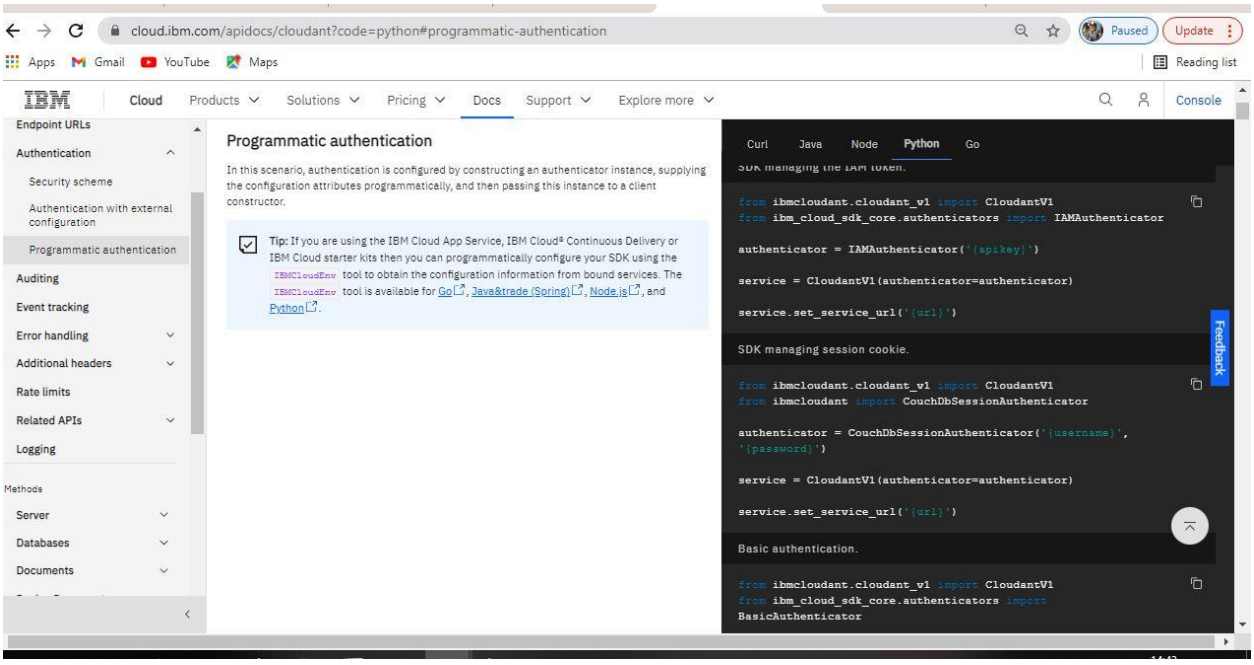
TEAM ID : PNT2022TMID50389

Create A Database In Cloudant DB






cloud.ibm.com/apidocs/cloudant?code=python#security-scheme
Paused
Update
Apps
Gmail
YouTube
Maps
Reading list
IBM
Cloud
Products
Solutions
Pricing
Docs
Support
Explore more
Console
Endpoint URLs
Authentication
Auditing
Event tracking
Error handling
Additional headers
Rate limits
Related APIs
Logging
Methods
Server
Databases
Documents
Design Documents
Views
Queries
Searches
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 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.
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


cloud.ibm.com/apidocs/cloudant?code=python#programmatic-authentication
Paused
Update
Apps
Gmail
YouTube
Maps
Reading list
IBM
Cloud
Products
Solutions
Pricing
Docs
Support
Explore more
Console
Endpoint URLs
Authentication
Security scheme
Authentication with external configuration
Programmatic authentication
Auditing
Event tracking
Error handling
Additional headers
Rate limits
Related APIs
Logging
Methods
Server
Databases
Documents
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.
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&trade (Spring), Node.js, and Python.
Curl
Java
Node
Python
Go
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}')
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 ibm_cloud_sdk_core.authenticators import BasicAuthenticator
Feedback