

**TEAM ID: PNT2022TMID33625****DATABASES**

The screenshot shows the IBM Cloud Databases console. On the left is a sidebar with navigation icons and a 'Log Out' button at the bottom. The main area is titled 'Databases' and contains a table of 'Your Databases'. The table has columns for Name, Size, # of Docs, Partitioned, and Actions. One database named 'sample' is listed with a size of 1.2 KB, 1 document, and is not partitioned. Above the table are filters for 'Database name' and buttons for 'Create Database', 'JSON', and a notification bell. At the bottom right, it says 'Showing 1-1 of 1 databases. Databases per page 20'.

Name	Size	# of Docs	Partitioned	Actions
sample	1.2 KB	1	No	[Icons for edit, delete, etc.]

The screenshot shows the IBM Cloud documentation page for Cloudant authentication. The left sidebar has a navigation menu with sections like Overview, Introduction, Authentication, Event tracking, Error handling, Logging, and Methods. The 'Authentication' section is expanded, showing 'Programmatic authentication' as the selected item. The main content area has a heading '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.' Below this is a code editor with tabs for Curl, Java, Node, Python, and Go. The 'Python' tab is active, showing code for 'SDK managing session cookie' and 'Basic authentication'. A 'FEEDBACK' button is visible on the right side of the code editor.

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`.

```
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}')
```

Cloud Object Storage - IBM Cloud

Cloud Object Storage

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## 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

Select location

Cross Region

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
Seoul	s3.seo.ap.cloud-object-storage.appdomain.cloud	s3.private.seo.ap.cloud-object-storage.appdomain.cloud	s3.direct.seo.ap.cloud-object-storage.appdomain.cloud
HongKong	s3.hkg.ap.cloud-object-storage.appdomain.cloud	s3.private.hkg.ap.cloud-object-storage.appdomain.cloud	s3.direct.hkg.ap.cloud-object-storage.appdomain.cloud

Legacy Endpoints