



Cloudant DB - Database Creation

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IBM Cloud Search resources and offerings...

Resource list [Create resource](#)

Name	Group	Location	Product	Status	Tags
Filter by name or IP address...	Filter by group or org...	Filter...	Filter...	Filter...	Filter...
Devices (0)					
VPC infrastructure (0)					
Clusters (0)					
Satellite (0+) (Error retrieving data)					
Cloud Foundry apps (0)					
Cloud Foundry services (0)					
Services (5)					
Cloudant-gs	Default	London	Cloudant	Active	--
Internet of Things Platform-oo	Default	London	Internet of Things Platform	Active	--
Machine Learning-kt	Default	Dallas	Machine Learning	Active	cpdbas
Visual Recognition-rt	Default	Dallas	Visual Recognition	Active	--
Watson Studio-zs	Default	Dallas	Watson Studio	Active	--
Cloudant (1)					



0:03 / 6:25



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Resource list /

Cloudant-g4

Active

Add tags

Details

Actions...

Manage

Service credentials

Plan

Connections

Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crn%3Aa1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2F68a32c0a4a824d6399a39e40e6afca31%3Aaaa49a5c-8...

IBM Cloud

Search resources and offerings...

Catalog Docs Support Manage

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Cloudant-g4 Active Add tags

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Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials

New credential

Key name	Date created
----------	--------------

No service credentials

Credentials are provided in JSON format. The JSON snippet lists credentials, such as the API key and secret, as well as connection information for the service.

FEEDBACK

https://cloud.ibm.com/services/cloudantnosqldb/crn%3Aa1%3Abluemix%3Apublic%3Acloud...

Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crm%3A%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3A%3A%3A2f68a32c0a4a624d6399a39e40e6afca31%3Aaaa49a5c-8...

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Change pricing plan

Plan	Features	Pricing
Lite	Limited throughput & storage Capped at 1GB of data storage Provisioned throughput capacity fixed at 20 reads/sec, 10 writes/sec, 5 global queries/sec Max JSON document size of 1MB	Free
Standard	Serverless scaling of throughput & storage Includes 20 GB of free data storage; additional storage metered Users can adjust provisioned throughput capacity in blocks of 100 reads/sec, 50 writes/sec, 5 global queries/sec Max JSON document size of 1MB	₹71.9507 INR/GB of data storage ₹17.987675 INR/Read capacity ₹35.97535 INR/Write capacity ₹359.7535 INR/Global Query capacity
Dedicated Hardware	Add-on premium for a single tenant environment Available in any IBM Cloud location HIPAA readiness option for US locations IP whitelisting Customer-managed encryption keys with Key Protect Internal endpoints (Provisioned in 2019 or later)	₹359,753.50 INR/Instance

FEEDBACK

https://cloud.ibm.com/services/cloudantnosqldb/crm%3A%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3A%3A%3A2f68a32c0a4a624d6399a39e40e6afca31%3Aaaa49a5c-8142-4857-82e6-bffa23593f2%3A%3A/panelid=plan

Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2F68a32c0a4a824d6399a39e40e6a6ca31%3Aaaa49a5c-8...

IBM Cloud

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Launch Dashboard

Deployment details

CRN

crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/68a32c0a4a824d6399a39e40e6a6ca31:aaa49a5c-8142-4857-82e6-bffa23593ffd::

Location

London

External Endpoint

<https://17a77545-fe56-44ff-9387-96d69db735c1-bluemix.cloudant.com>

External Endpoint (preferred)

<https://17a77545-fe56-44ff-9387-96d69db735c1-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods

[IBM Cloud IAM](#)

Activity Tracker event types

Management

Save

Disk encryption

Yes. Automatically generated disk encryption key.

FEEDBACK

Databases

Database name



{ } JSON



Your Databases

Name

Size

of Docs

Partitioned

Create Database

Database name

sample

Partitioning

☒ Partitioned ☐ Non-partitioned

What is a Partitioned Database?

Cancel

Create

Showing 1-0 of 0 database

[Log Out](#)

Service Details - IBM Cloud

Cloudant Dashboard - database

17a77545-fe56-44ff-9387-96d69db735c1-bluemix.cloudant.com/dashboard.html#database/sample/_new

sample > New Document

Create Document

Cancel

```
1 {  
2   "_id": "bf2641cc53bead2d4bb06fdab300901"  
3 }
```

Log Out

Service Details - IBM Cloud

Cloudant Dashboard - database:

+

17a77545-fe56-44ff-9387-96d69db735c1-bluemix.cloudant.com/dashboard.html#database/sample/_all_docs

sample

⋮

All Documents

+

Query

Permissions

Changes

Design Documents

+

Log Out

Document ID

Options


{ } JSON

Document saved successfully.


Table

Metadata

{ } JSON

	Id	key	value
<input type="checkbox"/>	 bf2641cc53bead2d4bb06fdab300901d	bf2641cc53bead2d4bb06fdab300901d	{ "rev": "1-4dbd80ab6e655d7ba1af92bca856..."

Showing document 1 - 1. Documents per page: 20



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Cloudant

Get started

- Getting started with IBM Cloudant
- Plans and provisioning
- Pricing
- Limits
- Connecting
- Learning Center
- Security & compliance
- What is the new Transaction Engine?
- Apache CouchDB

Tutorials

- Locating your service credentials
- Creating an instance with CLI
- Using a Dedicated Hardware plan Instance

Cloudant DB - Database Creation

cloud.ibm.com/docs/Cloudant/topic=Cloudant-databases#get-a-list-of-all-databases-in-the-account

Watch later

Share

Console

Get a list of all databases in the account

To list all the databases in an account, send a `GET` request to `https://$ACCOUNT.cloudant.com/_all_dbs`.

See the following example of using HTTP to list all databases:

```
GET /_all_dbs HTTP/1.1
```

See the following example that uses the command line to list all databases:

```
curl "https://$ACCOUNT.cloudant.com/_all_dbs"
```

See the following example response that is a JSON array with all the database names:

```
{
  "_users",
  "contacts",
  "docs",
  "invoices",
  "locations"
}
```

Get documents

To list all the documents in a database, send a `GET` request to `https://$ACCOUNT.cloudant.com/$DATABASE/_all_docs`.

Was this topic helpful?

Yes

No

Language: English

Search in collection

On this page

Partitioned databases

Create

Getting database details

Get a list of all databases in the account

Get documents

Send multiple queries to a database

Undelete

Get changes

Deleting a database

Backing up your data

Creating database applications

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Cloudant DB - Database Creation

Cloudant - IBM Cloud API Docs

cloud.ibm.com/apidocs/cloudant

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Geospatial

Partitioned Databases

Changes

IBM Cloud API Docs / Cloudant

Introduction

Last updated: 2020-10-07

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](#).

Authentication

Access to IBM Cloudant is controlled using IBM Cloud® Identity and Access Management (IAM), which provides a unified approach to managing user identities, and access control across your IBM Cloud® services and applications.

To work with the API, authenticate your application or service by including your IBM Cloud® [IAM access token](#) in API requests.

Further information:

- Our [client libraries](#) provide full integration with IAM's access controls and will automatically retrieve an IAM access token when provided an IAM API key.

[View IBM Cloudant authentication documentation](#)

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[View IBM Cloudant authentication documentation](#)

Curl

Java

Node

Python

Go

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Further information:

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- View IBM Cloudant [authentication documentation](#).

Security scheme

Authentication to this API's methods uses one of the following security schemes.

Basic

Attribute	Value
type	Basic

Curl

Java

Node

Python

Go

GITHUB

<https://github.com/ibm/cloudant-python-sdk>

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- View IBM Cloudant [authentication documentation](#).

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Curl

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Node

Python

Go

GITHUB

<https://github.com/ibm/cloudant-python-sdk>

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cloud.ibm.com/apidocs/cloudant/code=python

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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](#).

Curl

Java

Node

Python

Go

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
from ibmcloudant import CouchDbSessionAuthenticator
from ibmcloudant_core.authenticators import BasicAuthenticator

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

service = CloudantV1(authenticator=authenticator)
```

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Basic authentication.

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from ibmcloudant import CouchDbSessionAuthenticator
from ibm_cloud_sdk_core.authenticators import
BasicAuthenticator

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

service = CloudantV1(authenticator=authenticator)
```

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