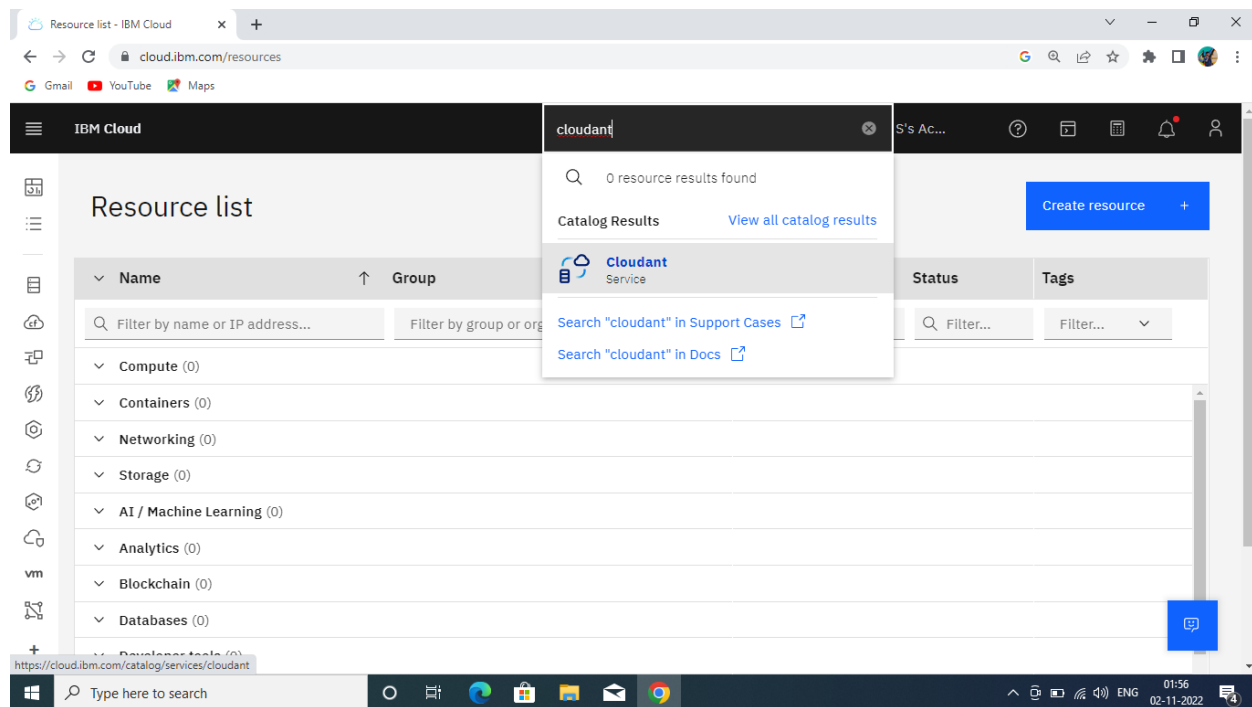


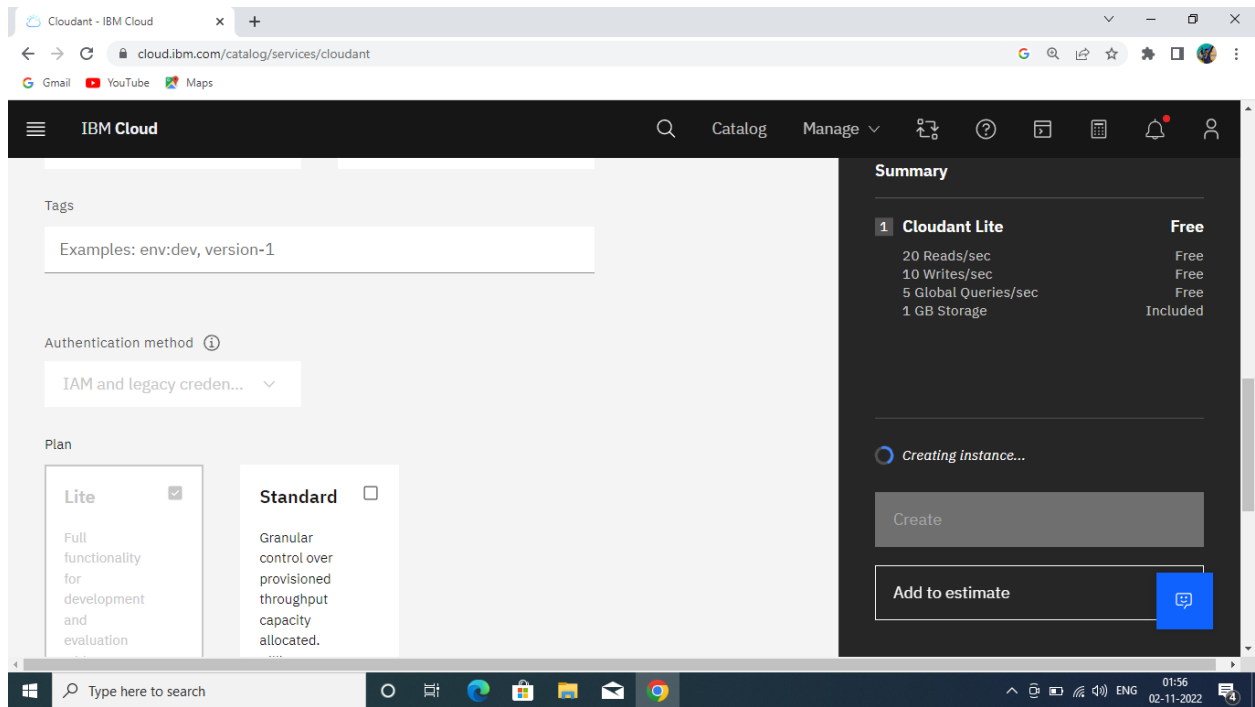
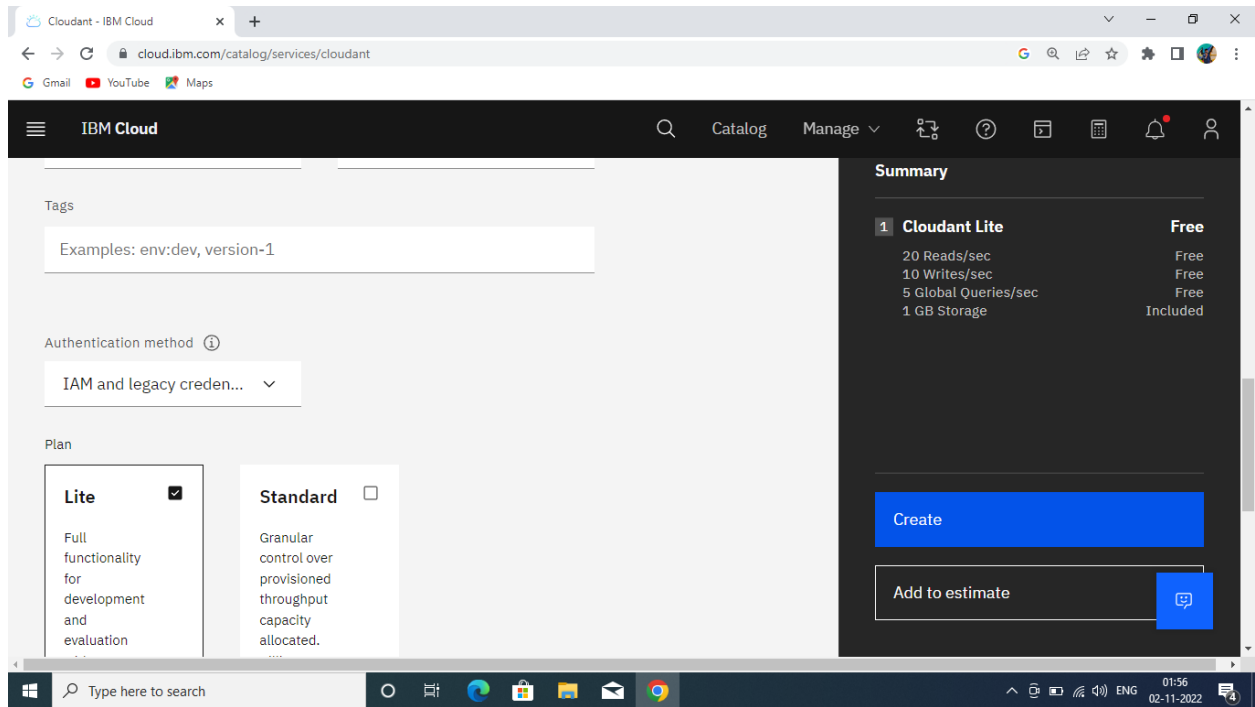
PERSONAL ASSISTANCE FOR SENIORS

WHO ARE SELF RELIANT

Date	02 November 2022
Team ID	PNT2022TMID40922
Project	HAZARDOUS AREA MONITORING FOR INDUSTRIAL PLANT POWERED BY IOT

CLOUDANT DB:





Cloudant - IBM Cloud

cloud.ibm.com/catalog/services/cloudant

IBM Cloud

Tags

Examples: env:dev, version-1

Authentication method ⓘ

IAM and legacy credent...

Plan

Lite ☒ Full functionality for development and evaluation with a set

Standard ☐ Granular control over provisioned throughput capacity allocated. Billing

Summary

1 Cloudant Lite Free

20 Reads/sec Free

10 Writes/sec Free

es/sec Free Included

Service created

The service might take time to provision. You are being redirected to the resource list now.

Create

Add to estimate

Type here to search

01:56 02-11-2022

Resource list - IBM Cloud

cloud.ibm.com/resources

IBM Cloud

Search resources and products...

Catalog Manage Udhaya Shankar S's Ac...

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...					
Analytics (0)					
Blockchain (0)					
Databases (1)					
Cloudant-zy	Default	Sydney	Cloudant	Active	-
Developer tools (0)					
Logging and monitoring (0)					
Migration (0)					
Integration (0)					
Internet of Things (0)					
Security (0)					

Type here to search

02:00 02-11-2022

Service Details - IBM Cloud

cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abuemix%3Apublic%3Acloudantnosqldb%3Aau-syd%3Aa%2F9a46c365dc9f42a59da1fec890b97766%...

IBM Cloud

Search resources and products...

Catalog Manage Udhaya Shankar S's Ac...

Resource list / Cloudant-zy Active Add tags

Details Actions...

Manage Overview Capacity Docs

Service credentials Plan Connections

Deployment details

CRN crn:v1:bluemix:public:cloudantnosqldb:au-syd:a/9a46c365dc9f42a59da1fec890b97766:c590026b-c991-42f1-a617-162164a9f673::

Location Sydney

External endpoint <https://6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudant.com>

External endpoint (preferred) <https://6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudantnosqldb.appdomain.cloud>

Authentication methods IBM Cloud IAM and Cloudant credentials Migrate to IAM Only

Launch Dashboard

https://6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudant.com/_api/v2/ibmid_sso/start

Type here to search

02:01 02-11-2022

Service Details - IBM Cloud Cloudant Dashboard

6877ec1f-d01f-4358-bf62-1702e7cdde72-bluemix.cloudant.com/dashboard.html

Databases Database name

Create Database {} JSON

Your Databases

Name	Size	# of Docs	Partitioned
------	------	-----------	-------------

Create Database

Database name

Partitioning

☒ Non-partitioned - recommended for most workloads

☐ Partitioned

Which should I choose?

Cancel Create

Showing 1-0 of 0 databa

Type here to search

02:06 02-11-2022

Service Details - IBM Cloud x Cloudant Dashboard - database/ x +

6877ec1f-d01f-4358-bf62-1702e7cdd72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/_all_docs

Gmail YouTube Maps

udhayashankar

Document ID Options {} JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Log Out

Database created successfully

No Documents Found

Showing 0 documents. Documents per page: 20

Type here to search

02:06 02-11-2022

Service Details - IBM Cloud x Cloudant Dashboard - database/ x +

6877ec1f-d01f-4358-bf62-1702e7cdd72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/_all_docs

Gmail YouTube Maps

udhayashankar

Document ID Options {} JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Log Out

Create Document

No Documents Found

Showing 0 documents. Documents per page: 20

Type here to search

02:06 02-11-2022

Service Details - IBM Cloud x Cloudant Dashboard - database/ x +

6877ec1f-d01f-4358-bf62-1702e7cdd72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/_new

Gmail YouTube Maps

udhayashankar > New Document

{ } JSON

Create Document Cancel

```
1 {
2   "_id": "ad8afd3a68a46ed8fdcc9e37fe370f9f",
3   "new": "PNT2022THID40922"
4 }
```

Log Out

Type here to search

02:08 02-11-2022

Service Details - IBM Cloud x Cloudant Dashboard - database/ x +

6877ec1f-d01f-4358-bf62-1702e7cdd72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/_all_docs

Gmail YouTube Maps

udhayashankar

Document ID

Options { } JSON

All Documents +

Query

Permissions

Changes

Design Documents +

Document saved successfully.

	id	key	value
<input type="checkbox"/>	ad8afd3a68a46ed8fdcc9e37fe370f9f	ad8afd3a68a46ed8fdcc9e37fe370f9f	{ "rev": "1-bd2c4bfa6b5105898b2afb..." }

Showing document 1 - 1. Documents per page: 20

https://6877ec1f-d01f-4358-bf62-1702e7cdd72-bluemix.cloudant.com/dashboard.html#database/udhayashankar/_all_docs

Type here to search

02:08 02-11-2022

Service Details - IBM Cloud | Cloudant Dashboard - database/ | Overview | IBM Cloud Docs | +

cloud.ibm.com/docs/Cloudant?topic=Cloudant-documents

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Cloudant

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- Apache CouchDB
- Other offerings
- API & SDK reference docs
- CLI
- Terraform reference docs
- Help
 - FAQs
- Go to product UI
- About this product
- Expand all | Collapse all

Overview

Documents are [JSON objects](#). Documents are also containers for your data, and are the basis of the IBM® Cloudant® for IBM Cloud® database.

☒ **Tip:** If you're using an [IBM Cloudant service on IBM Cloud®](#), documents are limited to a maximum size of 1 MB. Exceeding this limit causes a [413 error](#).

IBM Cloudant uses an [eventually consistent](#) model for data. If you use the eventually consistent model, it's possible, under some conditions, to retrieve older document content. For example, older content is retrieved when your application writes or updates a document that is followed immediately by a read of the same document.

In other words, your application would see the document content as it was before the write or update occurred. For more information about this model, see the topic on [Consistency](#).

Document fields

All documents must have two fields:

- A unique `_id` field. The `_id` field is detailed in the next section.

On this page

- Document fields
 - Document IDs
 - Field name restrictions
- Quorum - writing and reading data
- Time to live

Feedback

Cookie Preferences

https://cloud.ibm.com/apidocs/cloudant

Type here to search

02-09 02-11-2022

Service Details - IBM Cloud | Cloudant Dashboard - database/ | Overview | IBM Cloud Docs | Cloudant | IBM Cloud API Docs | +

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

Gmail YouTube Maps

Cloudant

- Overview
 - Introduction
 - Endpoint URLs
 - Authentication
 - Auditing
 - Event tracking
 - Error handling
 - Additional headers
 - Rate limits
 - Related APIs
 - Logging
- Methods

Status Code

200	HTTP response for postDbsInfo.
400	HTTP error for bad request.
401	HTTP error for unauthorized.
402	HTTP error for payment required.
403	HTTP error for forbidden.
404	HTTP error for not found.
408	HTTP error for timeout reading client request.
410	HTTP error for gone.
413	HTTP error for payload too large.
415	HTTP error for unsupported media type.
429	HTTP error for too many requests.
500	HTTP error for internal server error.
502	HTTP error for bad gateway.
503	HTTP error for service unavailable.

Example responses

Curl Java Node **Python** Go

Example DbsInfoResults response.

```
{
  "info": {
    "cluster": {
      "n": 8,
      "g": 1,
      "r": 1,
      "w": 1
    },
    "compact_running": false,
    "db_name": "products",
    "disk_format_version": 8,
    "doc_count": 5,
    "doc_del_count": 1,
    "instance_start_time": "0",
    "partitioned_indexes": {
      "count": 4,
      "indexes": {
        "search": 2,
        "view": 2
      },
      "limit": 10
    }
  }
}
```

Feedback

Type here to search

02-12 02-11-2022

