Register and Login To IBM Cloud

Step 1: Create your account

First, create an account by using your existing IBMid or a new IBMid. If your company is registeredto use a federated ID for single sign-on (SSO), you can use your federated ID instead.

1. Go to the IBM Cloud login page, and click **Create an IBM Cloud account**.
2. Enter your IBMid email address. If you don't have an existing IBMid, an ID is created based onthe email that you enter.
3. Complete the remaining fields with your information.
4. Click **Create account**.
5. Confirm your account by clicking the link in the confirmation email that's sent to your provided email address

Step 2: Set up account MFA settings

1. Go to **Manage** > **Access (IAM)** > **Settings** in the IBM Cloud console.
2. Update the current authentication setting by clicking **Edit** in the Authentication section.
3. Select the type of MFA to enable in your account.

Step 3: Estimate your costs

1. Go to the catalog, and select **Services**.
2. Select a service that you're interested in.
3. Select a pricing plan, enter other configuration details if needed, and click **Add to estimate**.
4. Add the calculated cost to your estimate by clicking **Save**.
5. When you're done adding products to your estimate, click **Review estimate** to a detailed view ofyour estimate.

Step 4: Manage your invoices and payment methods

To manage your method for an account, go to Manage > Billing and usage **in the IBM Cloud console**

Step 5: Set preferences for receiving notifications

You receive notifications when you reach 80%, 90%, and 100% of the spending thresholds that you specify. Enter the dollar amount to set a spending threshold when set up your spending notification.

Step 6: Create your resource groups

1. Go to **Manage** > **Account** > **Account resources** > **Resource groups** in the IBM Cloud console.
2. Click **Create**.
3. Enter a name for your resource group, and click **Add**.

Step 7: Set up access

a. Go to **Manage** > **Access (IAM)** > **Access Groups** in the IBM Cloud console.
b. Click **Create**.
c. Enter a name for your group, and click **Create**.

Step 8: Invite users to your account

1. Go to **Manage** > **Access (IAM)** > **Users** in the IBM Cloud console.
2. Click **Invite users**.
3. Specify the email address of the user. If you are inviting more than one user, they are allassigned the same access.
4. Add the user to one or more of the access groups that you created in the previous step.
5. Click **Invite**.

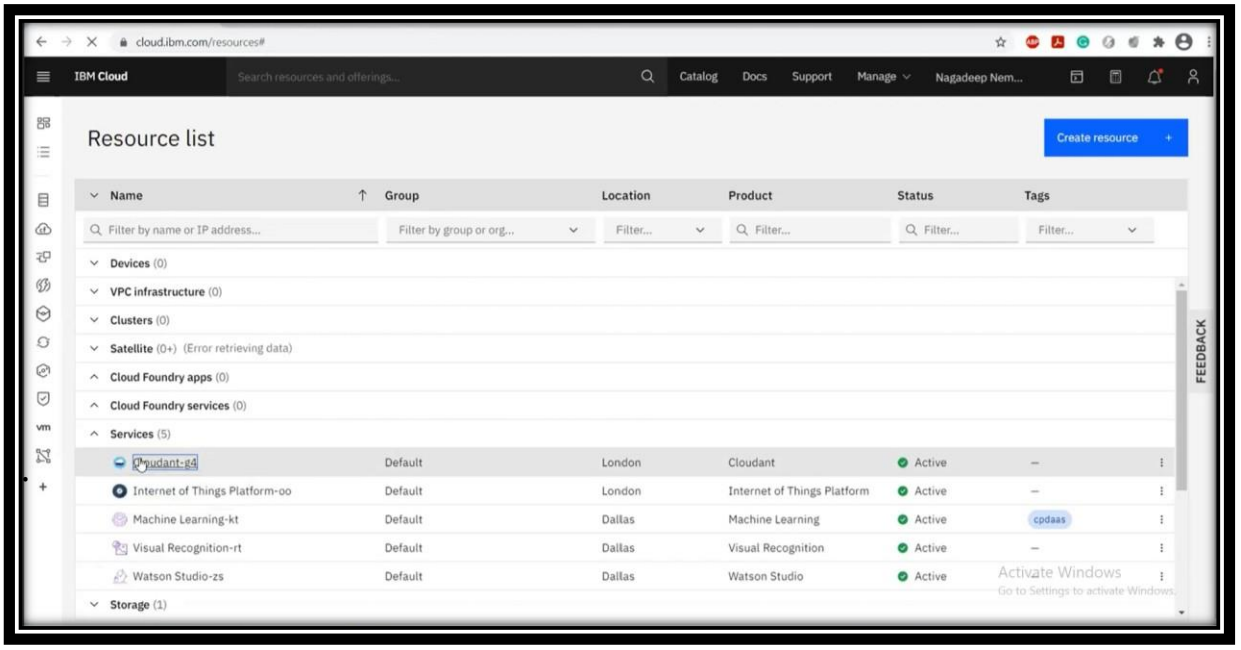
Step 9: Explore your support option

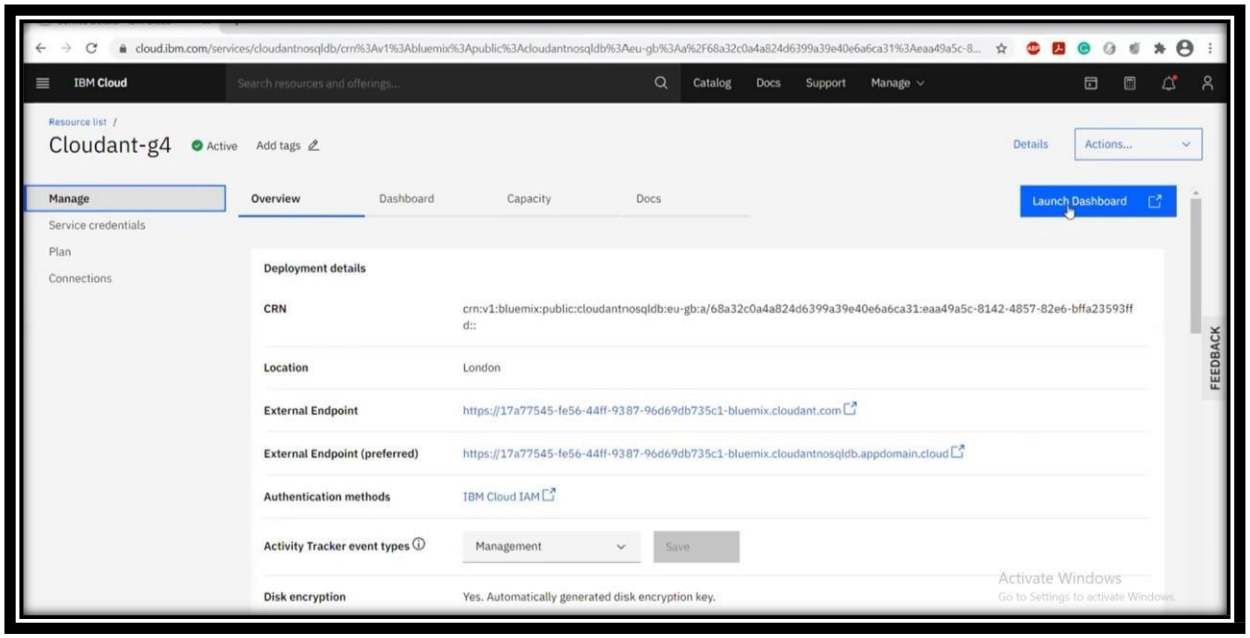
The Help just for you section features links to common tasks, troubleshooting

PROCEDURE TO CREATE CLOUDANT-DB

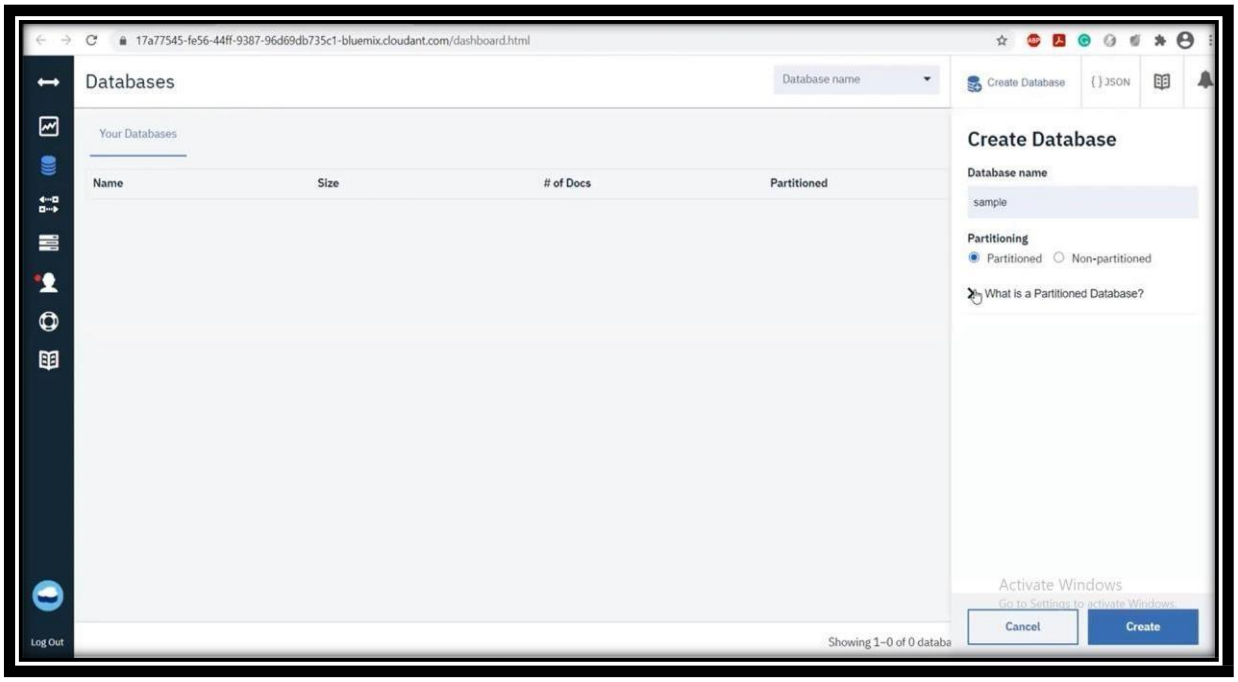
To create a database using IBM cloudantservice

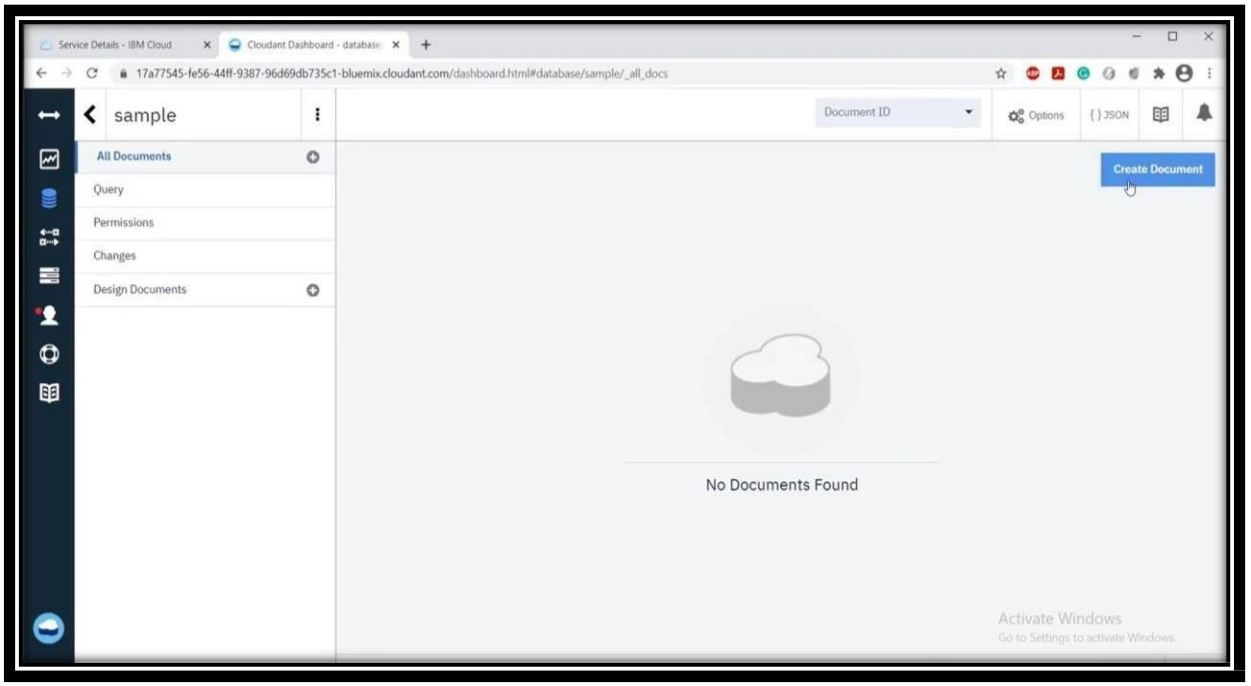
Step 1: Open the IBM cloud website. In the Resource list page, under Services click Cloudant-g4.You'll be redirected to a new page,click Launch Dashboard



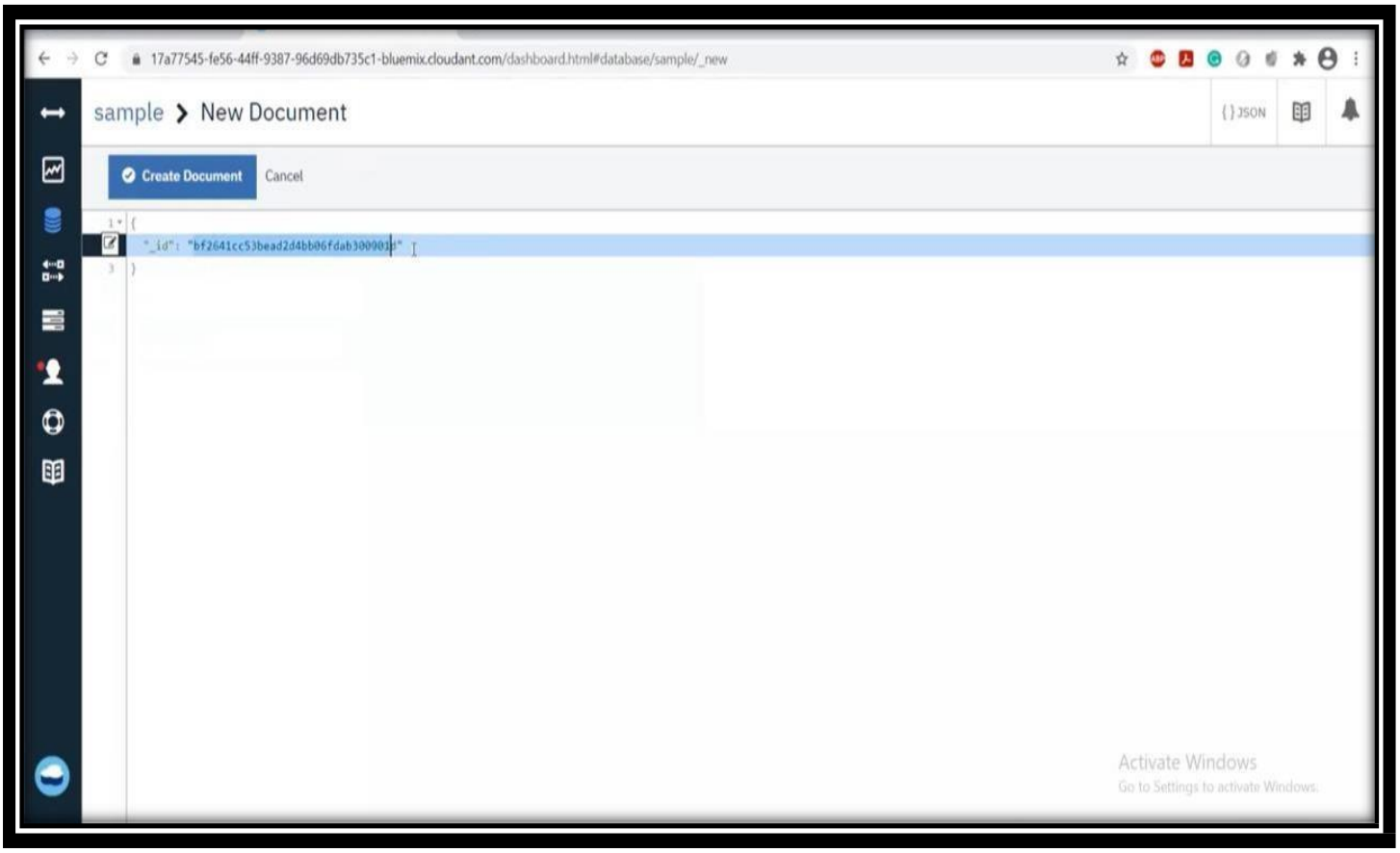


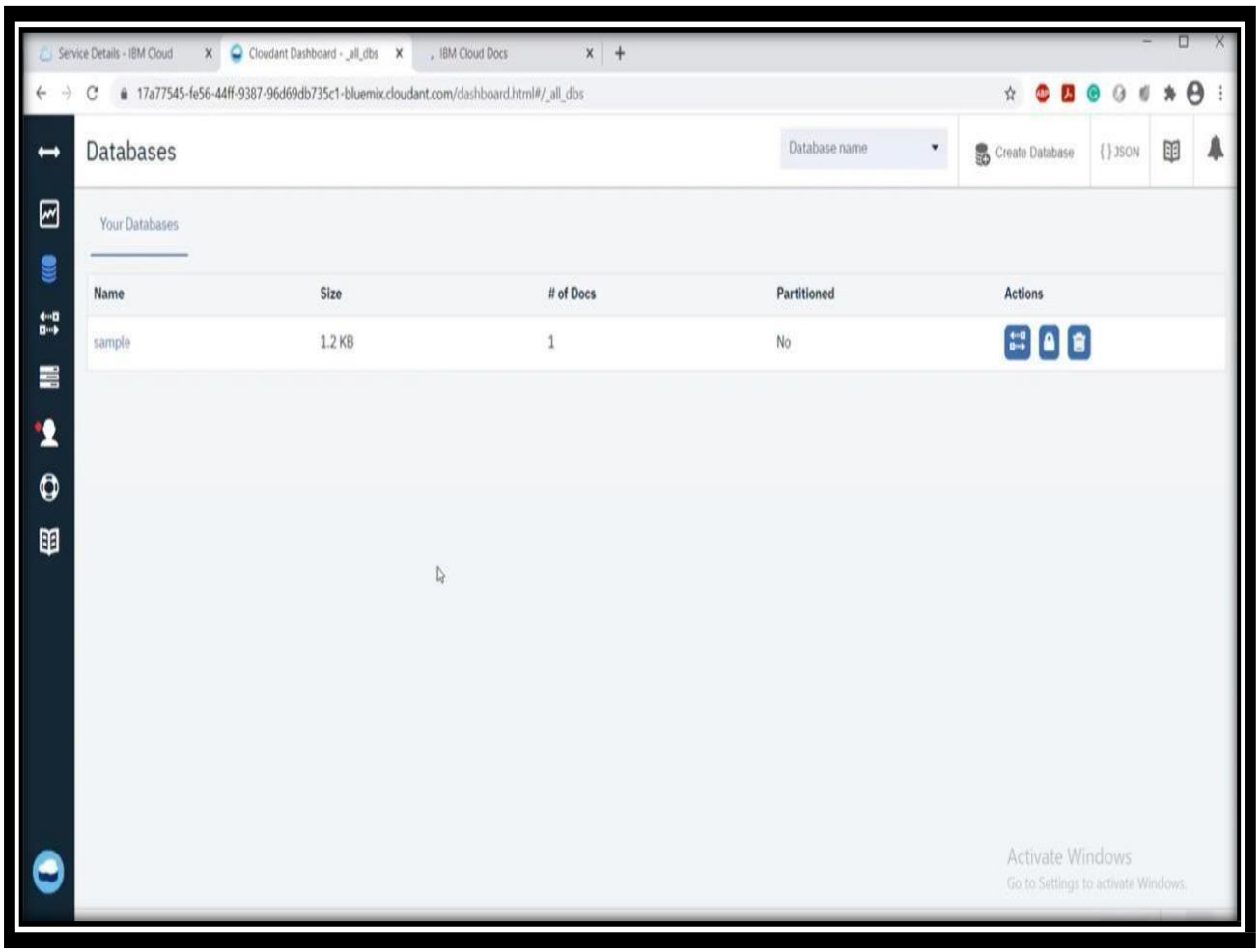
Step 2: You'll be redirected to databases page. Provide a database name and select partitioned and then select create. Then click create document

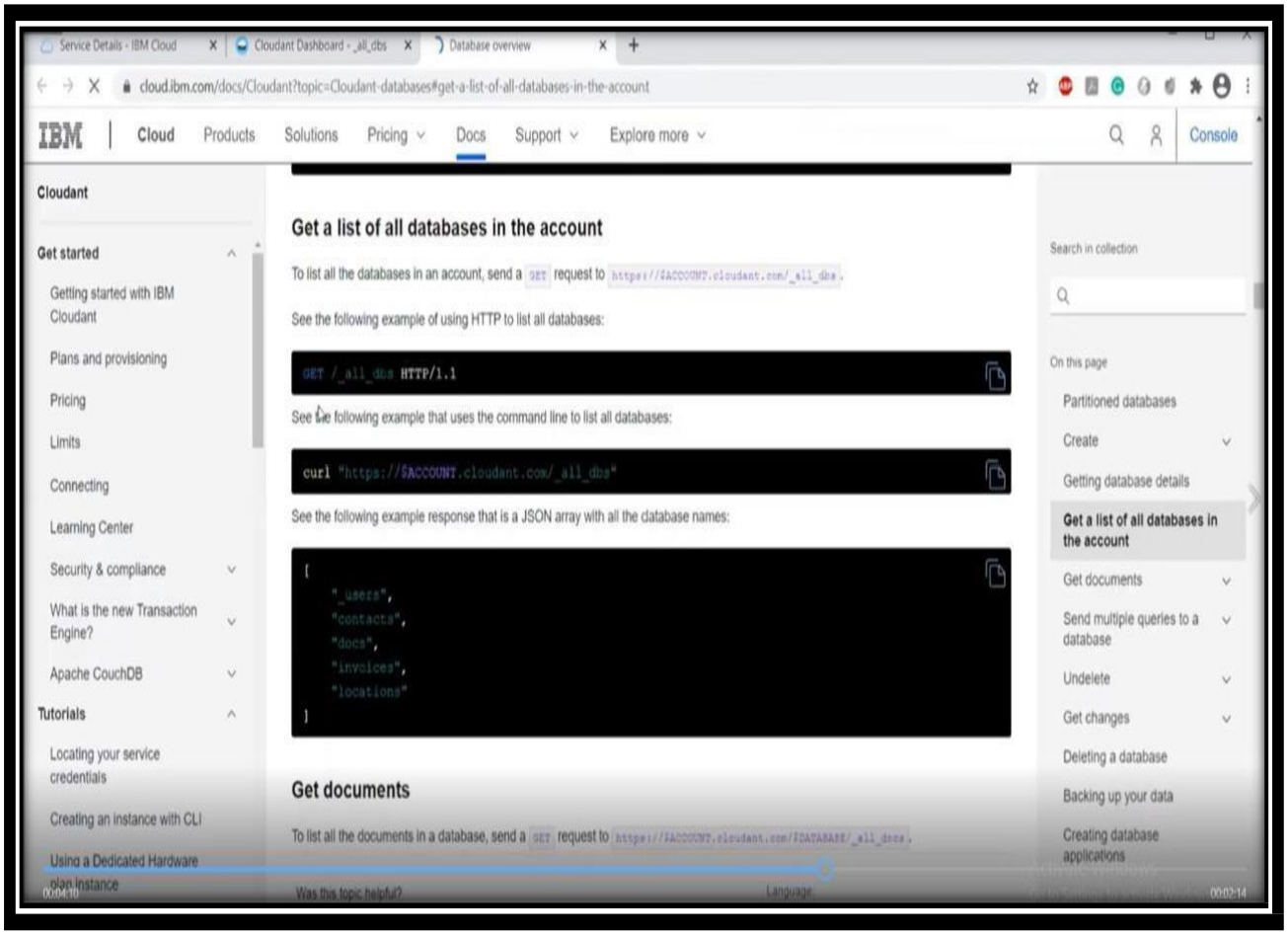




Step 3: A new page will appear with id. Enter your database and creat Creating service credentials




Service Details - IBM Cloud
Cloudant Dashboard - _all_dbs
IBM Cloud Docs
17a77545-fe56-44ff-9387-96d69db735c1-bluemix.cloudant.com/dashboard.html#/_all_dbs
Databases
Database name
Create Database
{ } JSON
Your Databases
Name
Size
# of Docs
Partitioned
Actions
sample
1.2 KB
1
No
Activate Windows
Go to Settings to activate Windows.


Service Details - IBM Cloud
Cloudant Dashboard - _all_dbs
Database overview
cloud.ibm.com/docs/Cloudant?topic=Cloudant-databases#get-a-list-of-all-databases-in-the-account
IBM Cloud Products Solutions Pricing Docs Support Explore more Console
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
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?
Language
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
Activate Windows
00:04:10
00:02:14

CREATE SERVICE CREDENTIALS

- A service credential provides the necessary information to connectan application to Object Storage packaged in a JSON document.
- Service credentials are always associated with a Service ID, andnew Service IDs can be created along with a new credential.

The web service credentials are used for basic authentication.

1. Select **Administration** > **Operations** > **Services**.
2. On the Services page, click the **Credentials** tab.
3. On the Service Credentials page, click **New**.
4. On the New Service Credential page, enter a name for the credential. This name can't contain spaces. Use a descriptive name,but do not include user or password information. For
    a. example: http.mysite.myservice.cred.
5. Enter the URL to the service, including the protocol. Forexample: ftp://51.134.145.10
6. To use one service configuration for several URIs, you can extendor alter this URL using the getURL callback in the service registrydefinition.
7. Enter the username for the credential.
8. Enter the password. The password is masked after you type it andcan't be retrieved from the Business Manager, so be sure to store the value securely else

The credential has the following values:

Field name	**value**
apikey	New API key that is created for the Service ID
cos_hmac_keys	Access Key and Secret Key pair for use with S3-compatible tools and libraries
endpoints	Link to JSON representation of available endpoints
iam_apikey_description	API key description - initially generated but editable
iam_apikey_name	API key name - initially generated but editable
iam_role_crn	Unique identifier for the assigned role
iam_serviceid_crn	Unique identifier for the Service ID
resource_instance_id	Unique identifier for the instance of Object Storage the credential accesses. This is also referred to as a service credential.

Creating Database

API module that maps to a Cloudant or CouchDB database instance.

cloudant.database.CloudantDatabase

Bases: **cloudant.database.CouchDatabase**

Encapsulates a Cloudant database. A CloudantDatabase object is instantiated with a reference to a client/session.It supports accessing the documents, and various database features such as the document indexes,
changes feed, design documents, etc.

get_partitioned_search_result(*partition_key*, *ddoc_id*, *index_name*, ***query_params*)

Retrieves the raw JSON content from the remote database based on the partitioned search index on theserver, using the query_params provided as query parameters.

See **get_search_result()** method for further details.

Parameters:

- **partition_key** (*str*) – Partition key.
- **ddoc_id** (*str*) – Design document idused to get the search result.
- **index_name** (*str*) – Name used inpart to identify the index.
- **query_params** –
  See **get_search_result()** method for available keyword arguments.

Returns: Search query result data in JSON format.

Return type: dict