

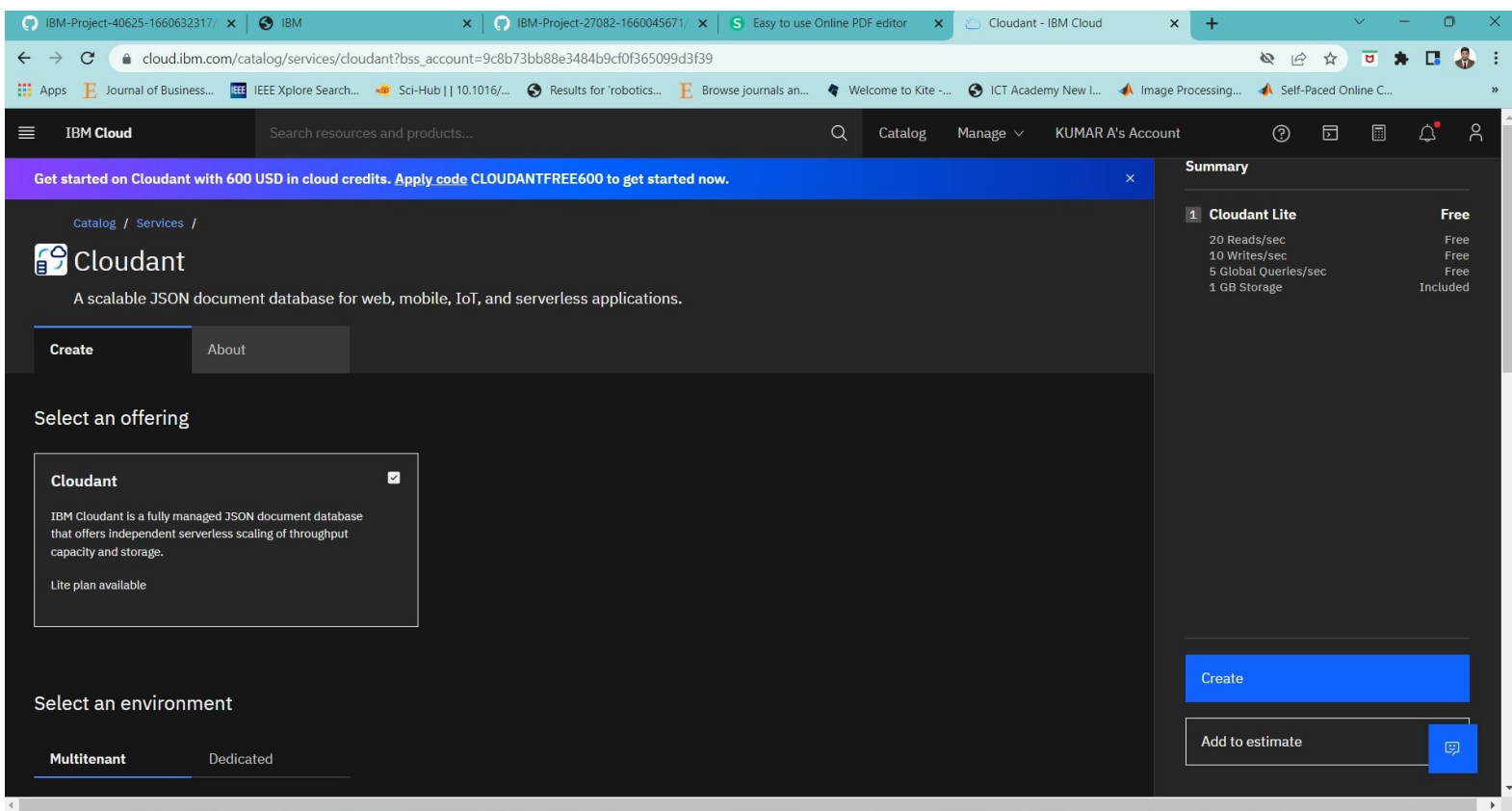
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Create A Database In Cloudant DB:

Aim: To create a database in Cloudant DB to store location data.

Steps followed:

- Logged in to IBM Cloud account
- Navigated to `./resources`
- Clicked on the “Create Resource +” button
- Searched for “Cloudant”
- Chose the “Lite Version” and clicked on “Create”



• The Cloudant database resource was created successfully

The screenshot shows the IBM Cloud interface for a newly created Cloudant database. The browser tabs include 'IBM-Project-40625-1660632317', 'IBM', 'IBM-Project-27082-1660045671', 'Easy to use Online PDF editor', 'Service Details - IBM Cloud', and '+'. The address bar shows the URL: cloud.ibm.com/services/cloudantnosql/db/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosql%3Aeu-gb%3Aa%3A2F9c8b73bb88e3484b9cf0f365099d3f39%3A72e2388c-ed4c-4cb.... The page header shows 'IBM Cloud' and a search bar. The main content area is titled 'Cloudant-5o' with a green 'Active' status and an 'Add tags' link. There are tabs for 'Manage', 'Overview', 'Capacity', and 'Docs'. The 'Overview' tab is selected, showing 'Deployment details'. A 'Launch Dashboard' button is in the top right. The deployment details include:

- CRN:** crn:v1:bluemix:public:cloudantnosql:eu-gb:a/9c8b73bb88e3484b9cf0f365099d3f39:72e2388c-ed4c-4cb7-98ec-19c468c793af::
- Location:** London
- External endpoint:** <https://b6a71faf-f737-4be8-ba5b-8a805266e526-bluemix.cloudant.com>
- External endpoint (preferred):** <https://b6a71faf-f737-4be8-ba5b-8a805266e526-bluemix.cloudantnosql.appdomain.cloud>
- Authentication methods:** IBM Cloud IAM
- Activity Tracker event types:** Management (dropdown menu) with a 'Save' button.
- Disk encryption:** Yes. Automatically generated disk encryption key.

• Clicked on Launch Dashboard

The screenshot shows the Cloudant Dashboard page. The browser tabs include 'IBM-Project-40625-166063', 'IBM', 'IBM-Project-27082-166004', 'Easy to use Online PDF editor', 'Service Details - IBM Cloud', and 'Cloudant Dashboard'. The address bar shows the URL: b6a71faf-f737-4be8-ba5b-8a805266e526-bluemix.cloudant.com/dashboard.html. The page header shows 'Databases' and a 'Database name' dropdown. There are buttons for 'Create Database', 'JSON', and a notification bell. The main content area is titled 'Your Databases' and contains a table with the following columns: Name, Size, # of Docs, Partitioned, and Actions. The table is currently empty. At the bottom, there is a 'Log Out' button and a status bar showing 'Showing 1-0 of 0 databases. Databases per page 20'.

- Clicked on “Create Database”. Entered “meowman” as the database name and the “Non-partitioned” option

The screenshot shows the IBM Cloudant Dashboard interface. On the left, there's a sidebar with navigation icons. The main area is titled 'Databases' and contains a table with columns: Name, Size, # of Docs, and Partitioned. A 'Create Database' modal is open on the right. The modal has a 'Database name' field with the value 'database-name'. Under the 'Partitioning' section, the 'Non-partitioned - recommended for most workloads' option is selected. Below this, there's a section titled 'Which should I choose?' with a paragraph explaining that partitioning can improve performance for large databases. At the bottom of the modal are 'Cancel' and 'Create' buttons. The bottom of the dashboard shows 'Showing 1-0 of 0 databases'.

- The database “meowman” was created successfully

The screenshot shows the IBM Cloudant Dashboard interface for a database named 'kumar'. The left sidebar shows a list of documents: 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area displays a large cloud icon with the text 'No Documents Found' below it. A notification banner at the top right of the main area says 'Database created successfully'. The bottom of the dashboard shows 'Showing 0 documents. Documents per page: 20'.

Result:

A database to store the location data was created successfully on Cloudant DB