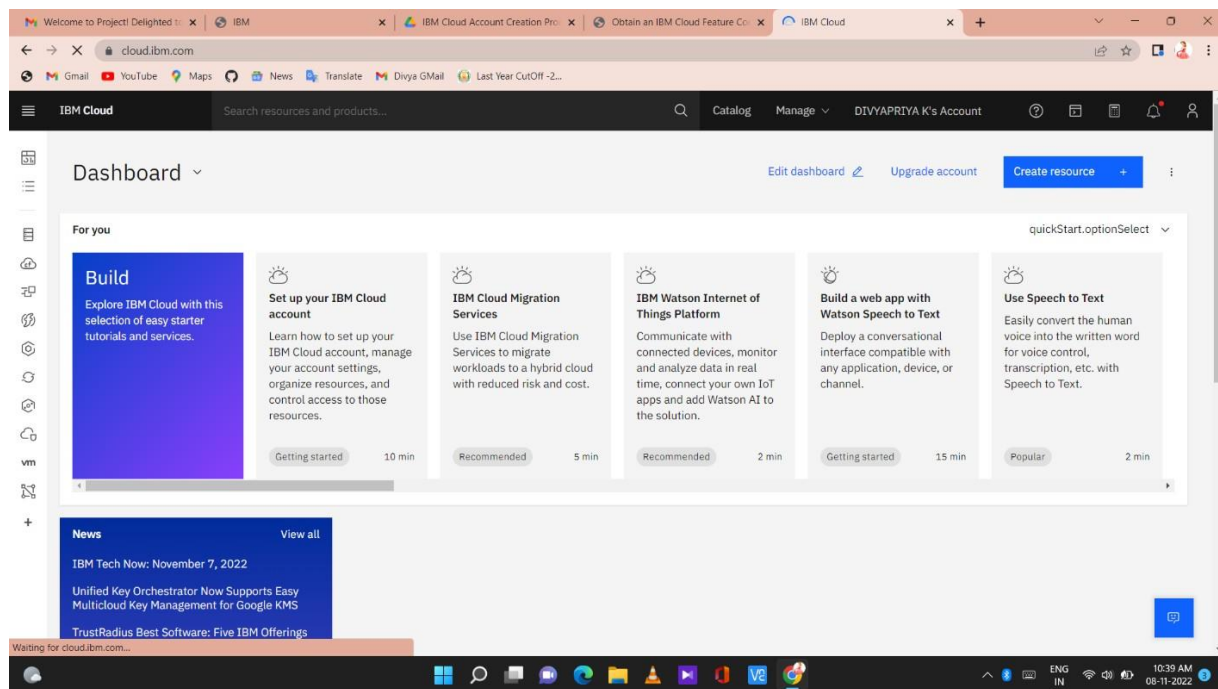


CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE A DATABASE IN CLOUDANT DB

Date	09 November 2022
Team ID	PNT2022TMID50351
Project Name	IOT based device for child safety monitoring and notification

STEP 1:



STEP 2:

The screenshot shows the IBM Cloud catalog page for Cloudant. The browser tabs include 'IBM', 'IBM Cloud Account Creation Pro...', 'Obtain an IBM Cloud Feature Co...', 'Cloudant - IBM Cloud', and 'IBM-Project-44815-1660726922'. The address bar shows 'cloud.ibm.com/catalog/services/cloudant'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'DIVYAPRIYA K's Account'. A blue banner at the top offers '600 USD in cloud credits' with code 'CLOUDANTFREE600'. The main content area is titled 'Cloudant' and describes it as a 'scalable JSON document database for web, mobile, IoT, and serverless applications'. It features a 'Create' button and a 'Select an offering' section. The 'Select an offering' section shows a card for 'Cloudant' with details: 'IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage. Lite plan available'. Below this is a 'Select an environment' section. On the right, a 'Summary' panel lists the 'Cloudant Lite' plan as 'Free' with specifications: '20 Reads/sec', '10 Writes/sec', '5 Global Queries/sec', and '1 GB Storage'. At the bottom of the summary panel are 'Create' and 'Add to estimate' buttons. The Windows taskbar at the bottom shows the date as 08-11-2022 and time as 08:28 PM.

STEP 3:

The screenshot shows the IBM Cloud 'Cloudant-cu' resource page. The browser tabs include 'IBM', 'IBM Cloud Account Creation Pro...', 'Obtain an IBM Cloud Feature Co...', 'Service Details - IBM Cloud', and 'IBM-Project-44815-1660726922'. The address bar shows a long URL. The page header is similar to the previous screenshot. The main content area is titled 'Cloudant-cu' and shows it is 'Active'. It has tabs for 'Manage', 'Overview', 'Capacity', and 'Docs'. The 'Overview' tab is selected, showing 'Deployment details'. The details include: 'CRN' (cm:v1:bluemixpublic:cloudantnosqldb:eu-gb:a/817e7eef3b194d8ab7dd246278dcec1b:864d7fc8-a935-48e7-a1b0-9a1f769518bf), 'Location' (London), 'External endpoint' (https://1e5bff65-bde6-45e3-9b5b-a165b0ff3022-bluemix.cloudant.com), 'External endpoint (preferred)' (https://1e5bff65-bde6-45e3-9b5b-a165b0ff3022-bluemix.cloudantnosqldb.appdomain.cloud), 'Authentication methods' (IBM Cloud IAM), 'Activity Tracker event types' (Management), and 'Disk encryption' (Yes, Automatically generated disk encryption key). There is a 'Launch Dashboard' button. The Windows taskbar at the bottom shows the date as 08-11-2022 and time as 08:34 PM.

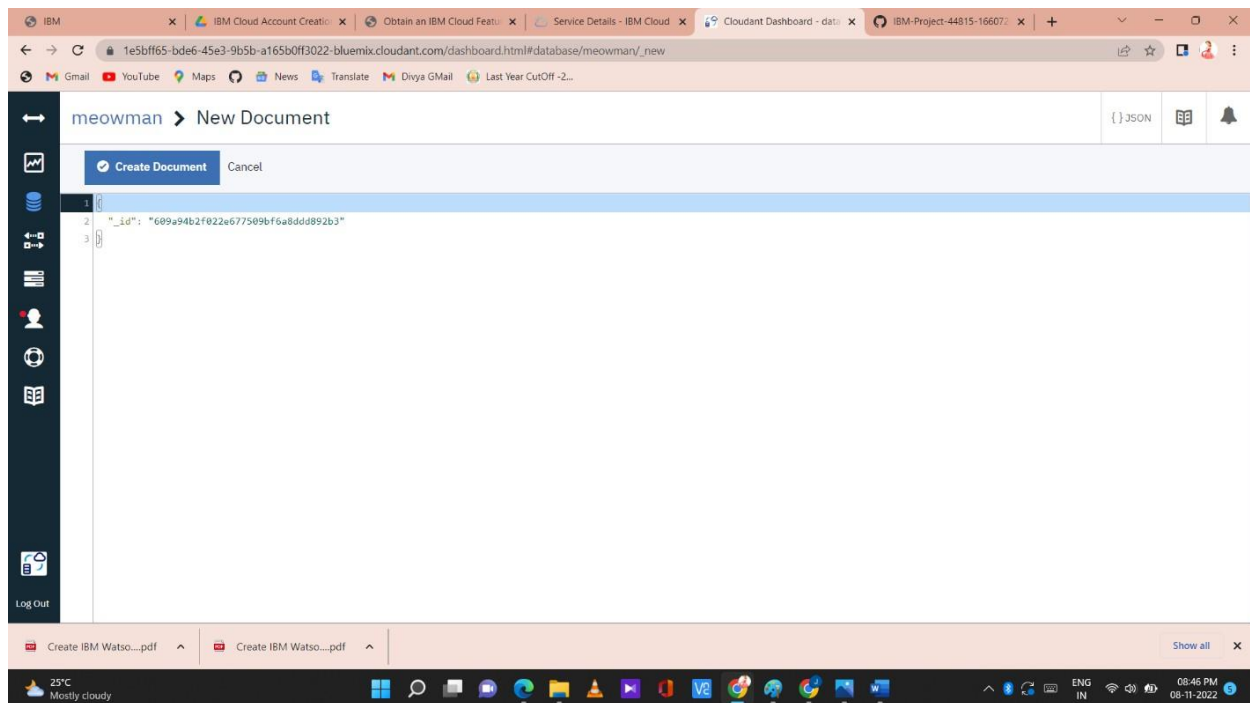
STEP 4:

The screenshot shows the IBM Cloud 'Resource list' page. The browser's address bar displays 'cloud.ibm.com/resources'. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and the user's account 'DIVYAPRIYA K's Account'. A 'Create resource' button is located in the top right corner. The main content area features a table with columns: Name, Group, Location, Product, Status, and Tags. A search filter for 'Internet of Things Platform' is applied. Below the table, a section titled 'Internet of Things (1+ / 1+)' is visible. The Windows taskbar at the bottom shows the system clock as 08:29 PM on 08-11-2022.

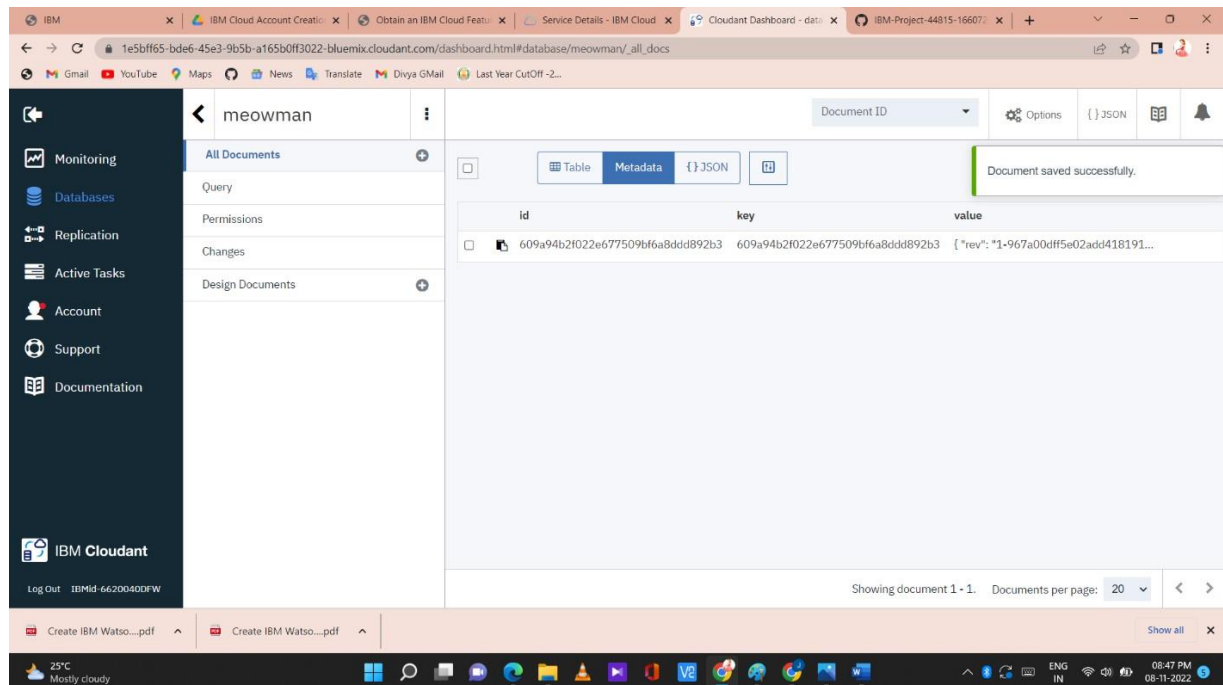
STEP 5:

The screenshot displays the IBM Cloudant Dashboard for a database named 'meowman'. The browser's address bar shows the URL '1e5bff65-bde6-45e3-9b5b-a165b0ff3022-bluemix.cloudant.com/dashboard.html#database/meowman/_all_docs'. The interface includes a left sidebar with navigation options: 'All Documents', 'Query', 'Permissions', 'Changes', and 'Design Documents'. The main area shows 'No Documents Found' with a cloud icon. A 'Create Document' button is in the top right. The bottom status bar indicates 'Showing 0 documents' and 'Documents per page: 20'. The Windows taskbar at the bottom shows the system clock as 08:27 PM on 08-11-2022.

STEP 6:



STEP 7:



STEP 8:

Document ID

Options {} JSON

Document saved successfully.

id	key	value
609a94b2f022e677509bf6a8ddd892b3	609a94b2f022e677509bf6a8ddd892b3	{ "rev": "1-967a00df5e02add418191..." }

Showing document 1 - 1. Documents per page: 20

STEP 9:

IBM Cloud Docs / Cloudant /

IBM Cloudant docs

The IBM Cloudant portfolio includes two complementary, document-oriented NoSQL database-as-a-service offerings on the IBM Cloud. In addition to the comprehensive information in the IBM Cloudant docs, links to additional sources of information are provided below.

Developer tools

API & SDK reference	CLI reference
Terraform reference	

Recommended content

Feedback

Cookie Preferences

STEP 10:

The screenshot shows a web browser window displaying the IBM Cloudant documentation page titled "Plans and provisioning". The browser's address bar shows the URL: `cloud.ibm.com/docs/Cloudant?topic=Cloudant-ibm-cloud-public`. The page features a dark sidebar on the left with a navigation menu including "Get started", "Plans and provisioning" (which is highlighted), "Pricing", "Limits", "Connecting", "Learning Center", "Security & compliance", "What is Transaction Engine?", "Release notes", "Tutorials", and "Locating your service credentials". The main content area has the heading "Plans and provisioning" and a sub-heading "Plans". The text explains that IBM Cloudant for IBM Cloud Standard is the most feature-rich offering, receiving updates and new features first. It mentions that pricing is based on provisioned throughput capacity and data storage. The "Lite plan" is described as free, designed for development and evaluation purposes, with a fixed amount of provisioned throughput capacity and data storage. The "Standard plan" offers configurable provisioned throughput capacity and data storage pricing that scales as application requirements change. The "Dedicated Hardware plan" is also available for an extra monthly fee to run one or more of your Standard plan instances on a dedicated hardware environment. The page also includes a "Feedback" button on the right side of the content area. The bottom of the browser window shows a Windows taskbar with various application icons and a system tray displaying the date and time as 08:53 PM on 08-11-2022.

RESULT:

Thus a Database in Cloudant DB was created.

