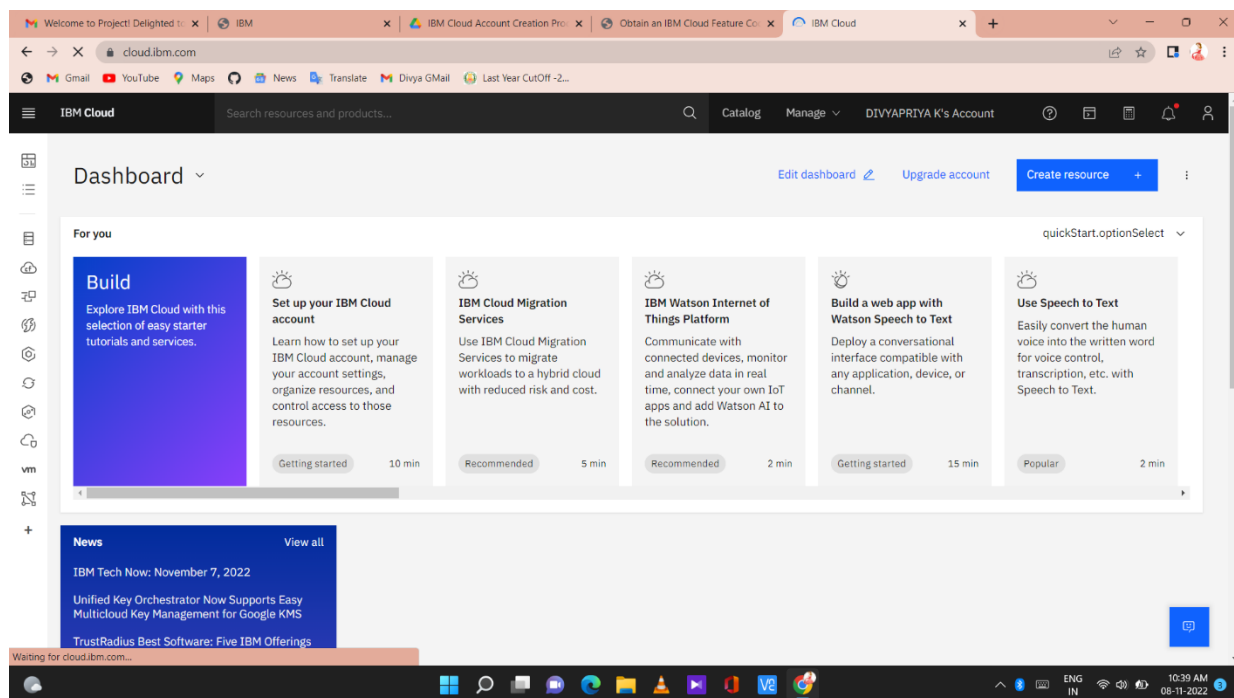


CREATE AND CONFIGURE IBM CLOUD SERVICES

CREATE A DATABASE IN CLOUDANT DB

Team ID	PNT2022TMID23807
Project Name	IoT based Safety Gadget for Child Safety, monitoring and notification

STEP 1:



STEP 2:

The screenshot shows the IBM Cloud Catalog interface. At the top, there's a navigation bar with 'IBM Cloud' and a search bar. Below it, a banner promotes a 600 USD credit offer with code CLOUDANTFREE600. The main content area is titled 'Cloudant' and describes it as a scalable JSON document database. There are two tabs: 'Create' (selected) and 'About'. Under 'Create', there's a 'Select an offering' section with a single option 'Cloudant' and a 'Select an environment' section below it. On the right, a 'Summary' panel shows the 'Cloudant Lite' plan with details: 20 Reads/sec, 10 Writes/sec, 5 Global Queries/sec, and 1 GB Storage, all included in the 'Free' tier. At the bottom of the summary panel are 'Create' and 'Add to estimate' buttons. The browser's taskbar at the bottom shows the date as 08-11-2022 and time as 08:28 PM.

STEP 3:

The screenshot shows the 'Service Details' page for 'Cloudant-cu' in the IBM Cloud console. The page has a left sidebar with 'Manage' selected, containing links for 'Service credentials', 'Plan', and 'Connections'. The main area has tabs for 'Overview' (selected), 'Capacity', and 'Docs'. A 'Launch Dashboard' button is in the top right. The 'Overview' tab displays 'Deployment details' with the following information: CRN (crm:v1:bluemix:public:cloudantnosqldb:eu-gb:a/817e7eef3b194d8ab7dd246278dcec1b:864d7fc8-a935-48e7-a1b0-9a1f769518bf:), Location (London), External endpoint (https://1e5bff65-bde6-45e3-9b5b-a165b0f3022-bluemix.cloudant.com), External endpoint (preferred) (https://1e5bff65-bde6-45e3-9b5b-a165b0f3022-bluemix.cloudantnosqldb.appdomain.cloud), Authentication methods (IBM Cloud IAM), Activity Tracker event types (Management), and Disk encryption (Yes, Automatically generated disk encryption key). A 'Save' button is next to the event types dropdown. The browser's 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 tabs include 'IBM', 'IBM Cloud Account Creation Pro...', 'Obtain an IBM Cloud Feature Co...', 'Resource list - IBM Cloud', and 'IBM-Project-44815-1660726922...'. The address bar shows 'cloud.ibm.com/resources'. The page header includes 'IBM Cloud', a search bar, and navigation links for 'Catalog', 'Manage', and the user account 'DIVYAPRIYA K's Account'. The main content area is titled 'Resource list' and features a 'Create resource' button. Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. A search bar is present above the table. The table shows one resource: 'Internet of Things Platform'. Below the table, there is a section for 'Internet of Things (1+ / 1+)'. The bottom of the page shows a taskbar with various application icons and a system tray with weather information (25°C, Mostly cloudy) and the date/time (08:29 PM, 08-11-2022).

STEP 5:

The screenshot shows the Cloudant Dashboard for a database named 'meowman'. The browser tabs include 'IBM', 'IBM Cloud Account Creation Pro...', 'Obtain an IBM Cloud Feature Co...', 'Service Details - IBM Cloud', 'Cloudant Dashboard - data...', and 'IBM-Project-44815-1660726922...'. The address bar shows the URL '1e5bfff65-bde6-45e3-9b5b-a165b0ff3022-bluemix.cloudant.com/dashboard.html#database/meowman/_all_docs'. The page header includes 'Document ID', 'Options', and a 'Create Document' button. The main content area shows a large cloud icon and the text 'No Documents Found'. The bottom of the page shows a taskbar with various application icons and a system tray with weather information (25°C, Mostly cloudy) and the date/time (08:37 PM, 08-11-2022).

STEP 6:

meowman > New Document

Create Document Cancel

```
{
  "_id": "609a94b2f022e677509bf6a8ddd892b3"
}
```

Log Out

Create IBM Watson...pdf Create IBM Watson...pdf Show all

25°C Mostly cloudy 08:46 PM 08-11-2022

STEP 7:

meowman

Document ID Options {} JSON

Document saved successfully.

id	key	value
609a94b2f022e677509bf6a8ddd892b3	609a94b2f022e677509bf6a8ddd892b3	{ "rev": "1-967a00dff5e02add418191..." }

Showing document 1 - 1. Documents per page: 20

Create IBM Watson...pdf Create IBM Watson...pdf Show all

25°C Mostly cloudy 08:47 PM 08-11-2022

STEP 8:

The screenshot shows the IBM Cloudant dashboard in a web browser. The browser's address bar displays the URL: `1e5bff65-bde6-45e3-9b5b-a165b0ff3022-bluemix.cloudant.com/dashboard.html#database/meowman/_all_docs`. The left sidebar contains navigation links: Monitoring, Databases, Replication, Active Tasks, Account, Support, and Documentation. The main content area is titled 'meowman' and shows a list of documents under the 'All Documents' tab. A single document is displayed with the following details:

id	key	value
609a94b2f022e677509bf6a8ddd892b3	609a94b2f022e677509bf6a8ddd892b3	{ "rev": "1-967a00dff5e02add418191..." }

A message at the top right of the document view states: 'Document saved successfully.' The bottom of the dashboard shows a status bar with the temperature (25°C) and weather (Mostly cloudy).

STEP 9:

The screenshot shows the IBM Cloudant documentation page in a web browser. The browser's address bar displays the URL: `cloud.ibm.com/docs/Cloudant`. The page features a navigation sidebar on the left with links to various sections: Getting started, Plans and provisioning, Pricing, Limits, Connecting, Learning Center, Security & compliance, What is Transaction Engine?, Release notes, and Tutorials. The main content area is titled 'IBM Cloudant docs' and includes a brief introduction to the IBM Cloudant portfolio. Below the introduction, there is a section for 'Developer tools' with links to the API & SDK reference, CLI reference, and Terraform reference. The bottom of the page shows a status bar with the temperature (25°C) and weather (Mostly cloudy).

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 "Cloudant" header and a "Get started" menu. The main content area is titled "Plans and provisioning" and includes a paragraph explaining that IBM Cloudant is the most feature-rich offering for IBM Cloud Standard, with pricing based on provisioned throughput capacity and data storage. It also mentions the "Lite plan" for development and evaluation purposes. Below this, there are sections for "Plans" and "Lite plan". The "Plans" section states that users can select a plan when provisioning their IBM Cloudant service instance, with options for Lite, Standard, and Dedicated Hardware plans. The "Lite plan" section details that it is free, designed for development and evaluation, and includes specific limits on reads, writes, and global queries per second, as well as data storage caps. A right-hand sidebar titled "On this page" lists various topics like "Plans", "Request classes", "Data usage", and "Locations and tenancy". 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.

IBM Cloud Docs / Cloudant /

Plans and provisioning

IBM® Cloudant® for IBM Cloud® Standard is IBM Cloudant's most feature-rich offering, receiving updates and new features first. Pricing is based on provisioned throughput capacity that is allocated and data storage that is used, making it suitable for any required load.

The free [Lite plan](#) includes a fixed amount of throughput capacity and data for development and evaluation purposes. The paid [Standard plan](#) offers configurable provisioned throughput capacity and data storage pricing that scales as your application requirements change. An optional [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 dedicated hardware environment is for your sole use. If a Dedicated Hardware plan instance is provisioned within a US location, you can optionally select a [HIPAA](#) -compliant configuration.

Plans

You can select which plan to use when you [provision your IBM Cloudant service instance](#). The available plans include Lite, Standard, and Standard on Transaction Engine. When you select a plan, Capacity displays, and the Cost estimator shows the monthly charge for the selected plan. By default, the [Lite plan](#) is selected.

Lite plan

The Lite plan is free, and is designed for development and evaluation purposes. IBM Cloudant's full functionality is included, but Lite plan instances have a fixed amount of provisioned throughput capacity and data storage. The provisioned throughput capacity is fixed at 20 reads per second, 10 writes per second, and 5 global queries per second, and data storage is capped at 1 GB.

On this page

- Plans
 - Lite plan
 - Standard plan
 - Dedicated Hardware plan
- Request classes
 - Provisioned throughput capacity
 - Data usage
 - Request and document size limits
- Locations and tenancy

Feedback

Create IBM Watson...pdf

25°C Mostly cloudy

08:53 PM 08-11-2022

RESULT:

Thus,a Database in Cloudand DB was created.

