

# Create And Configure IBM Cloud Service

## Create Database in Cloudant DB

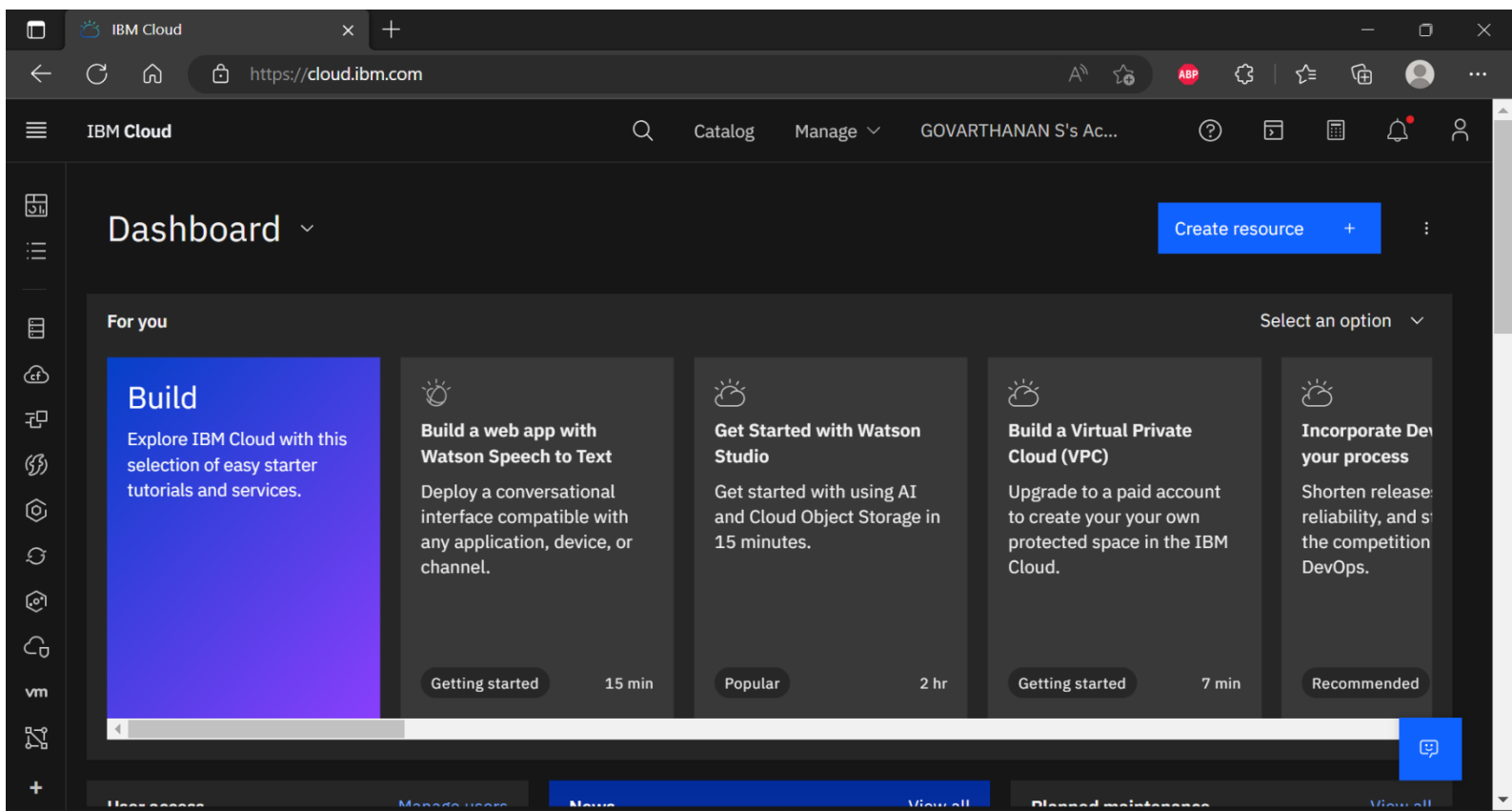
Team ID	PNT2022TMID04590
Project Name	IOT Based Safety Gadget For Child Safety Monitoring & Notification
Maximum Marks	4 Marks

### AIM

To create a Database in Cloudant DB to store users data.

### STEP 1:

Log in to IBM Cloud with email ID and Password.



## STEP 2:

Click the Catalog to know all Categories..

The screenshot displays the IBM Cloud Catalog interface. At the top, the browser address bar shows the URL <https://cloud.ibm.com/catalog>. The navigation bar includes the IBM Cloud logo, a search icon, and links for Catalog, Manage, and the user profile (GOVARTHANAN S's Ac...). On the right side of the navigation bar, there are links for "Sell on IBM Cloud" and "Catalog settings".

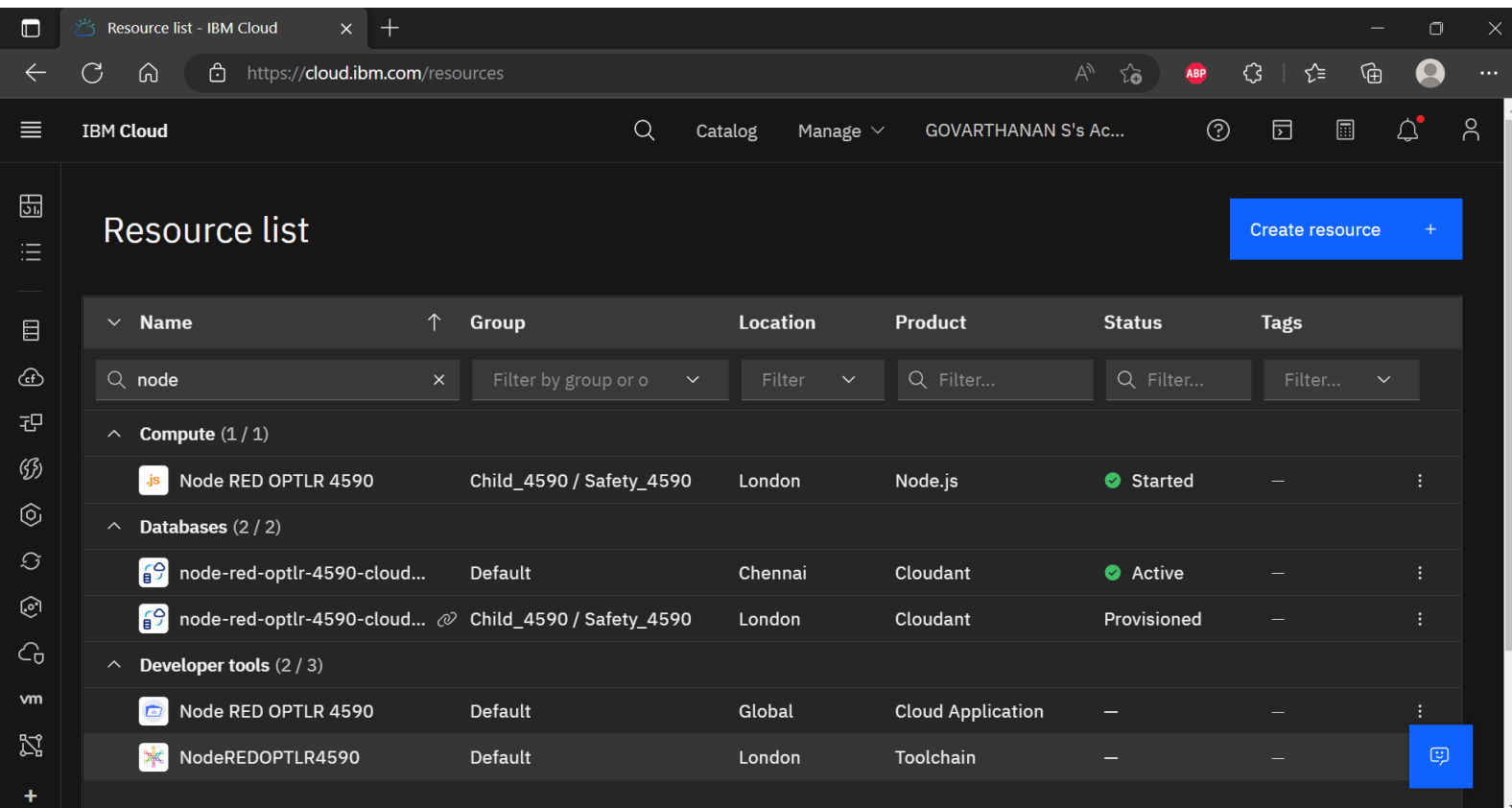
The main section features a large "Catalog" heading and a search bar with the placeholder text "Search the catalog...". To the right of the search bar is a 3D isometric illustration of a storefront with a green awning, surrounded by various cloud service icons like storage, compute, and networking.

Below the main section, a "Category" sidebar on the left lists several product categories with their respective counts: "Recommended products (6)", "Compute (30)", "Containers (9)", "Networking (29)", and "Storage (19)". The main content area shows "Viewing 206 products" and a sorting dropdown set to "Alphabetically". Two featured product cards are visible: "Analytics Engine By IBM" and "AnonTech ViziVault Platform By Anon Technology, Inc.".

## STEP 7:


## STEP 3:

Search for Database Category in resource list





The screenshot shows the IBM Cloud Resource list page. The browser address bar displays <https://cloud.ibm.com/resources>. The page header includes the IBM Cloud logo, a search bar, and navigation links for Catalog, Manage, and the user profile (GOVARTHANAN S's Ac...). A blue button labeled "Create resource" with a plus icon is in the top right.



The main section is titled "Resource list". Below the title is a table with columns: Name, Group, Location, Product, Status, and Tags. A search bar with the text "node" is active in the Name column. The table is filtered to show resources under the "Compute" category (1 / 1).

Name	Group	Location	Product	Status	Tags
<b>Compute (1 / 1)</b>					
 Node RED OPTLR 4590	Child_4590 / Safety_4590	London	Node.js	Started	—

Below the Compute section is the "Databases" category (2 / 2), which lists two Cloudant databases:

Name	Group	Location	Product	Status	Tags
 node-red-optlr-4590-cloud...	Default	Chennai	Cloudant	Active	—
 node-red-optlr-4590-cloud...	Child_4590 / Safety_4590	London	Cloudant	Provisioned	—

Below the Databases section is the "Developer tools" category (2 / 3), which lists two resources:

Name	Group	Location	Product	Status	Tags
 Node RED OPTLR 4590	Default	Global	Cloud Application	—	—
 NodeREDOPTLR4590	Default	London	Toolchain	—	—

## STEP 4:

Panel for our Cloudant DB database

## STEP 7:

The screenshot shows the IBM Cloud 'Service Details' page for a Cloudant database. The browser address bar shows the URL: `https://cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosql...`. The page header includes the IBM Cloud logo, a search bar, and navigation links like 'Catalog', 'Manage', and the user's account name 'GOVARTHANAN S's Ac...'. The main content area displays the resource name 'node-red-optlr-4590-cloudant-1668055359528' with a green 'Active' status. Below this, there are tabs for 'Manage', 'Overview', 'Capacity', and 'Docs'. The 'Overview' tab is selected, showing 'Deployment details' with the following information:

Property	Value
CRN	<code>crn:v1:bluemix:public:cloudantnosqldb:in-che:a/a24e5af058234528a133941b453c30b6:489bec56-0e9e-4ca2-b47e-776c4e18dc99::</code>
Location	Chennai
External endpoint	<a href="https://c0ca3ab1-5326-4eca-9ec6-8200d065f03c-bluemix.cloudant.com">https://c0ca3ab1-5326-4eca-9ec6-8200d065f03c-bluemix.cloudant.com</a>
External endpoint (preferred)	<a href="https://c0ca3ab1-5326-4eca-9ec6-8200d065f03c-bluemix.cloudantnosqldb.apdomain.cloud">https://c0ca3ab1-5326-4eca-9ec6-8200d065f03c-bluemix.cloudantnosqldb.apdomain.cloud</a>

On the left sidebar, there are links for 'Service credentials', 'Plan', and 'Connections'. A 'Launch Dashboard' button is visible in the top right corner of the 'Overview' tab.

## STEP 5:

### Cloudant DB database

The screenshot shows the 'Cloudant Dashboard' page. The browser address bar shows the URL: `https://c0ca3ab1-5326-4eca-9ec6-8200d065f03c-bluemix.cloudant.com/dashboard.html`. The page has a dark sidebar on the left with various navigation icons. The main content area is titled 'Databases' and features a search bar labeled 'Database name' with a dropdown menu showing 'noderedoptlr4590'. Below the search bar, there is a 'Create Database' button and a 'JSON' icon. The 'Your Databases' section contains a table with the following data:

Name	Size	# of Docs	Partitioned	Actions
<a href="#">noderedoptlr4590</a>	37.1 KB	4	No	

At the bottom of the page, there is a pagination bar showing 'Showing 1-1 of 1 databases.' and 'Databases per page' set to 20. There are also navigation arrows and a page number '1'.

## **STEP 7:**

## **RESULT:**

A database to store the location data on the Cloudant database has been created successfully.