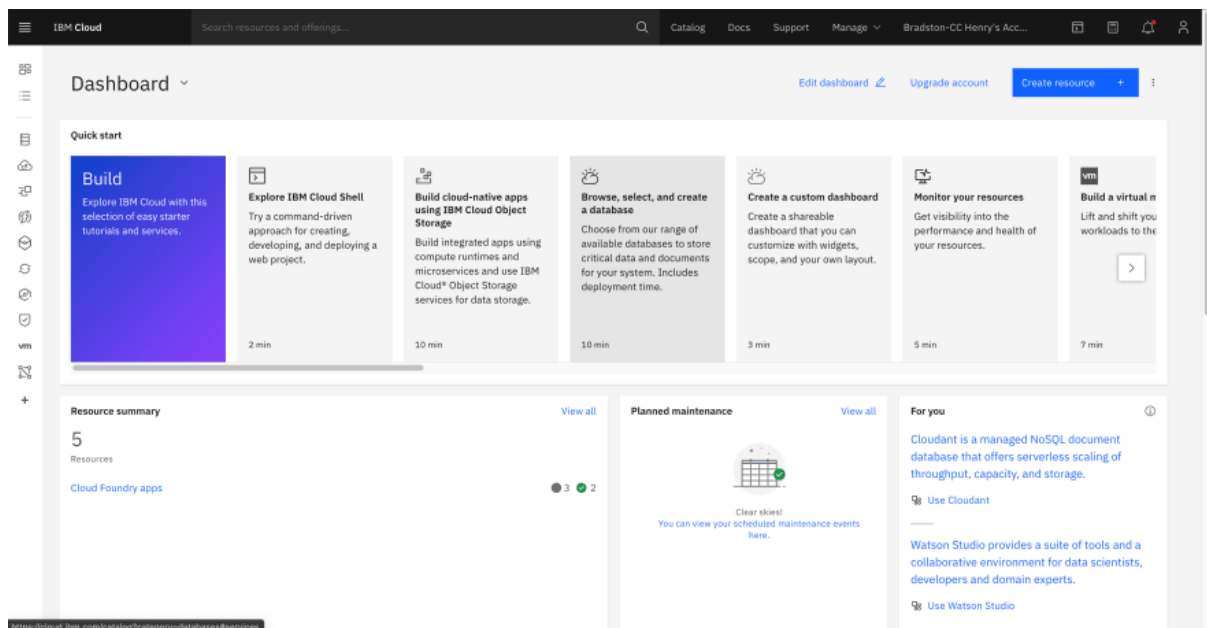


DATE	17 November 2022
Team ID	PNT2022TMID51401
Project Name	VirtualEye-life guard for swimming pools to detect active drowning

Launch Cloudbant DB

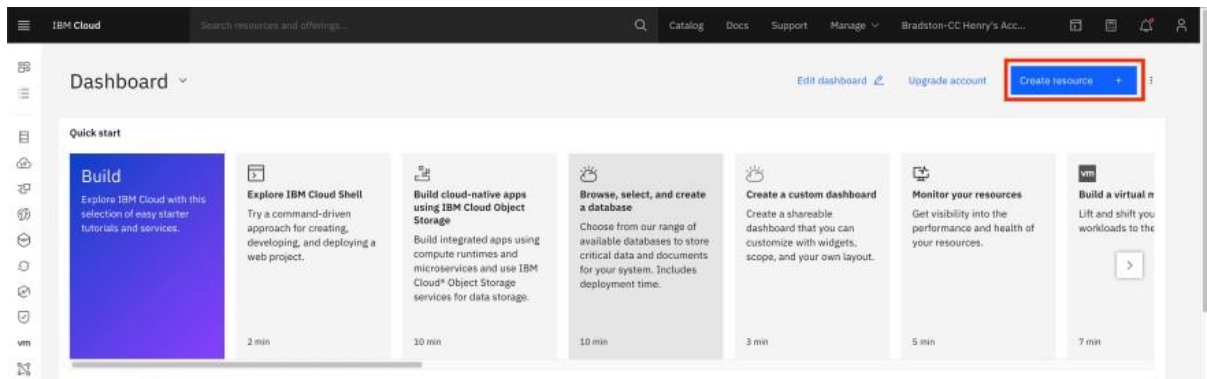
Step 1: Login to IBM Cloud Account

Navigate to the [IBM Cloud Login page](#) and sign-in. Once signed in, you should be presented with IBM Cloud Dashboard Page:



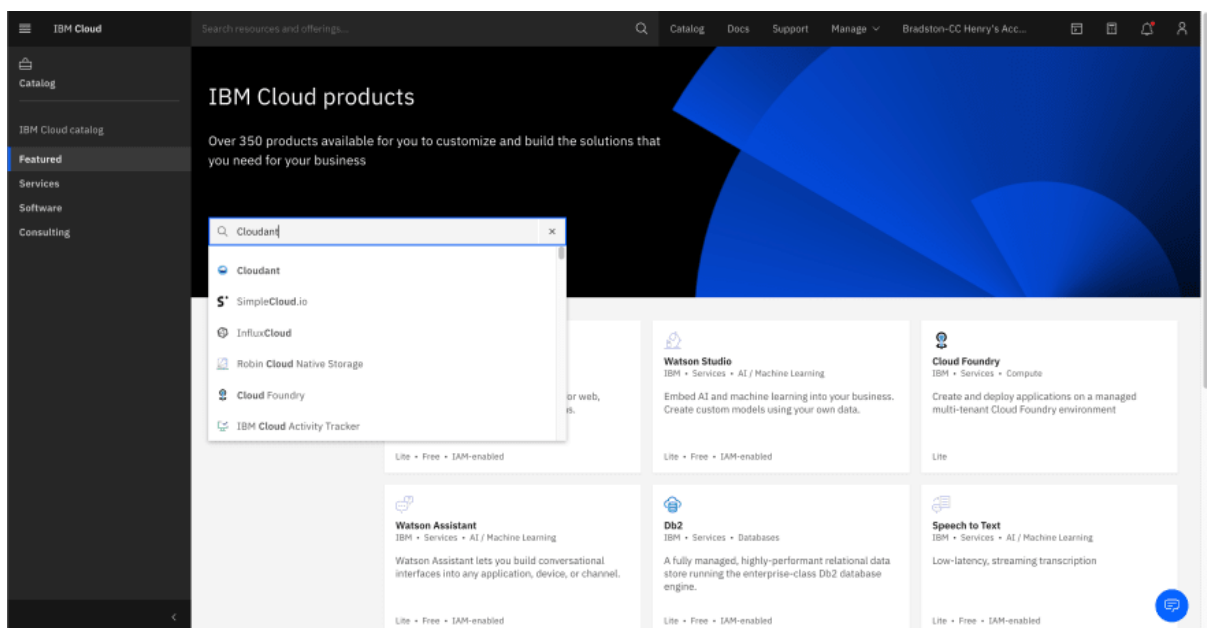
Step 2: Select "Create Resource button"

Once on the Dashboard Page, Select the "Create Resource" button (in the upper right hand corner):



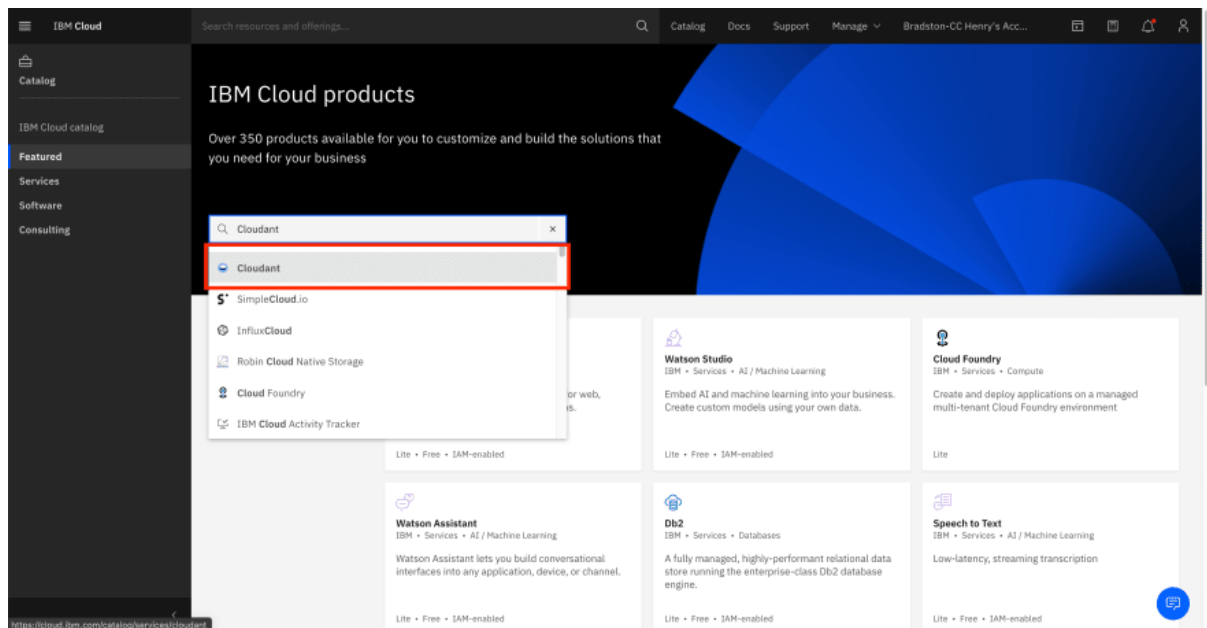
Step 3: Search "Cloudant" on Create Service Page

Once you have selected the "Create Resource" button, you will be navigated to the IBM Cloud service page which holds all services in the IBM Cloud catalog. In the Search bar on the page, enter the word "Cloudant":



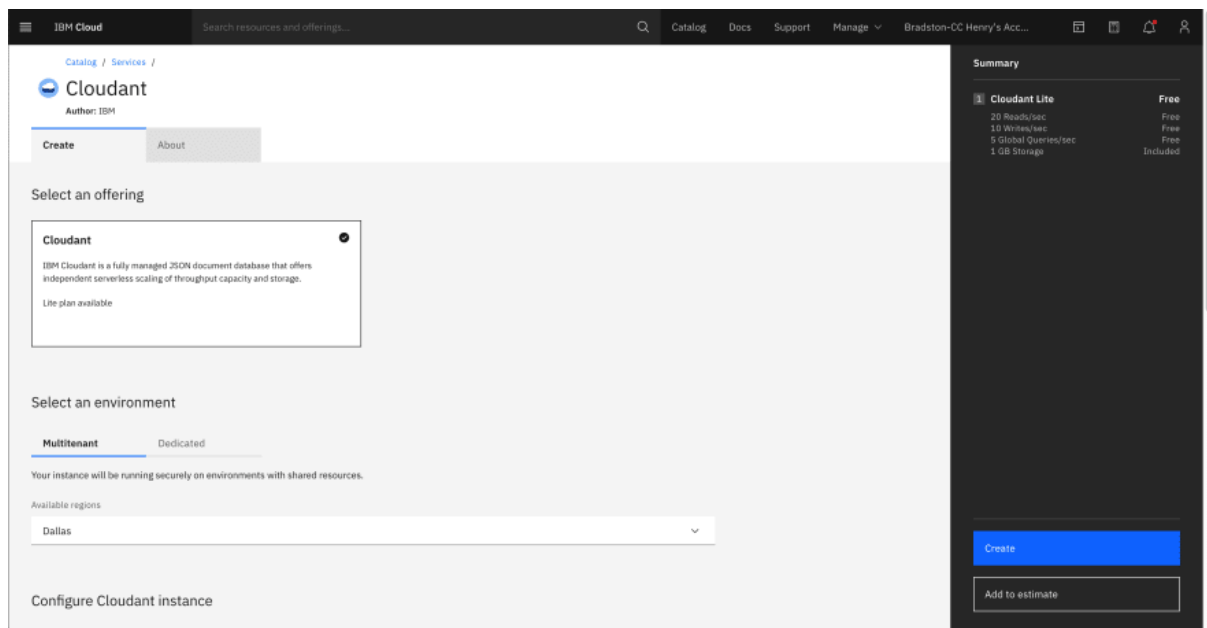
Step 4: Select "Cloudant" Service

Once you have searched "Cloudant", select the service named "Cloudant" that should appear in the auto-search dropdown:



Step 5: Configure Cloudant Service for Use

Once we select the Cloudant Service option we should be presented with the Cloudant Service Configuration page, that looks like this:



On this page we will be doing a few quick things.

First, we ensure that the "Multitenant" environment option is highlighted (ensures free instance of Cloudant) and select the location nearest to us in from the Region select drop-down:

Select an environment

Multitenant Dedicated

Your instance will be running securely on environments with shared resources.

Available regions

Dallas

Chennai

Dallas ✓

Frankfurt

London

Osaka

Seoul

Once we've done that, we will give our instance of this Cloudant service a name (whatever you'd like), select a Resource group ("Default" is fine), and add a searchable tag for the future, if we so desire:

Configure Cloudant instance

Instance name Resource group

My-First-NoSQL-DB Default

Tags

cloudant X

Finally, we will select the method that we would like to authenticate to our Cloudant service. If you are just learning Cloudant, I recommend selecting the "IAM and Legacy Credentials" options as it gives you more flexibility in the future. Also, ensure that the "Lite" plan is selected as it is the **Free** version of Cloudant:

The screenshot displays the Cloudant configuration interface. At the top, the 'Authentication method' is set to 'IAM and legacy credentials', which is highlighted with a blue border and a checkmark. Below this, the 'Plan' section shows three options: 'Lite', 'Standard', and 'Standard on Transaction Engine'. The 'Lite' plan is selected, indicated by a red border and a checkmark. The 'Standard' plan is also visible, starting at \$75.00/month. The 'Standard on Transaction Engine' plan starts at \$22.00/month. A link 'Compare Standard vs. Standard on Transaction Engine' is located at the bottom of the plan selection area.

Authentication method ⓘ

IAM and legacy credentials ^

IAM

IAM and legacy credentials ✓

Authentication method ⓘ

IAM and legacy credentials v

Plan

Lite ✓

Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.

Free - Only in multi-tenant

Standard

Granular control over provisioned throughput capacity allocated. Billing prorated hourly.

Starting at \$75.00/month

Standard on Transaction Engine

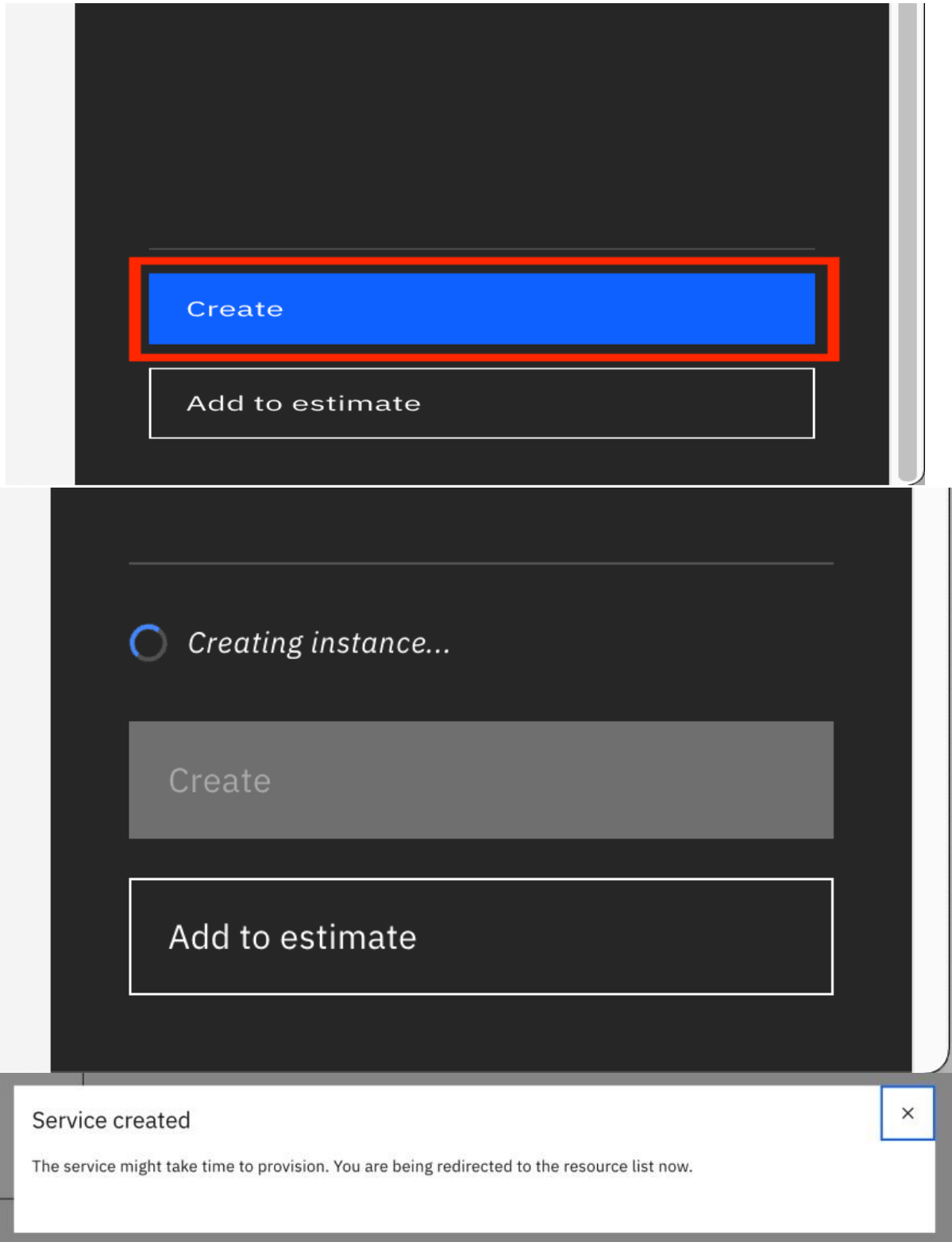
Uses IBM's next generation data layer architecture which provides lower costs, no conflicts in-region, and scalable and consistent querying. Billing prorated hourly.

Starting at \$22.00/month

[Compare Standard vs. Standard on Transaction Engine](#)

Step 6: Creating Your Cloudant Service

Once you have finished configuring your Cloudant service, just click the "Create" Button in the bottom right-hand section of the page. It will begin creating the service and you may receive a dialog informing you it is provisioning. The Provisioning process usually takes around 2-3 minutes to complete:



Step 7: Open Your Newly Create Cloudant Service

After you create your Cloudant service, you should be automatically navigated to IBM Cloud Resource page, if not, [click here](#) to navigate

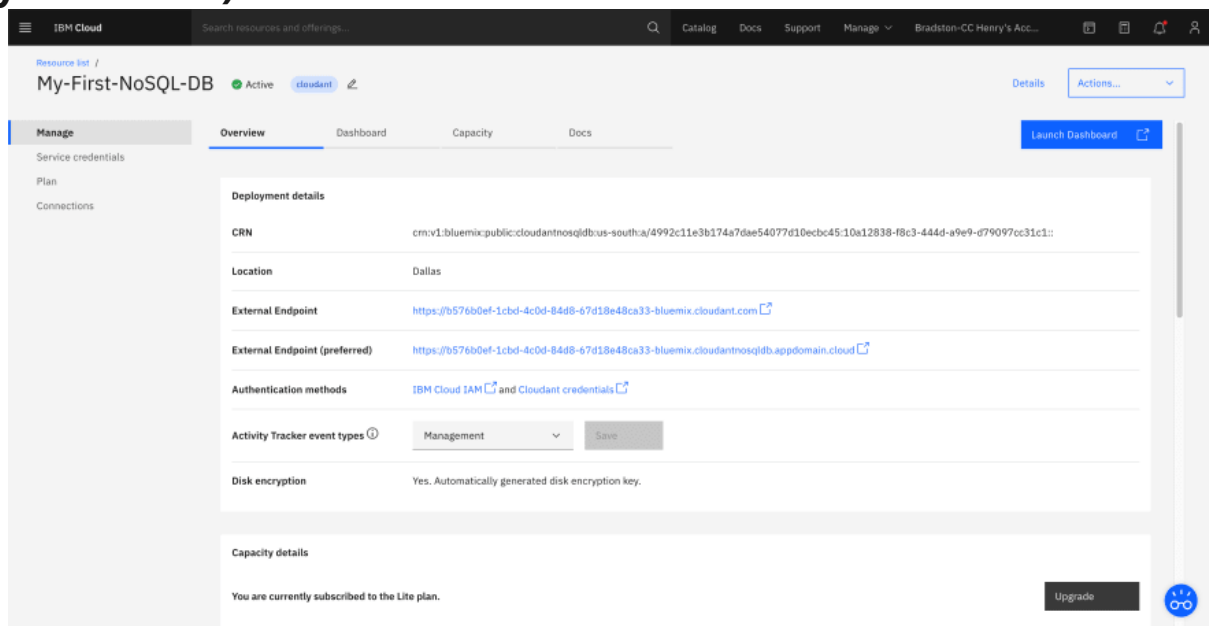
there. Once there, wait until your newly created service (under the "Service") changes from "Provision in Progress" to "Active":



Once the service is "Active", Open the service by selecting it's name:



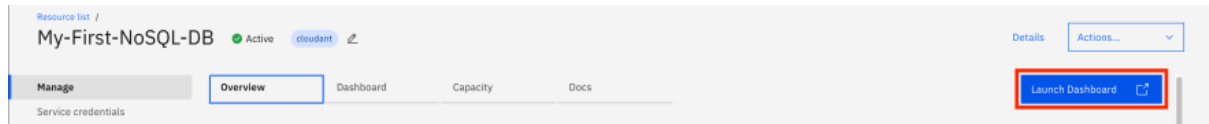
You should then be presented with your Cloudant services "Service Overview" page (which holds general information about your service):



Step 8: Open/Launch Your Cloudant NoSQL DB Environment

Now that you have successfully created your service and navigated to its overview page, let's launch your Cloudant NoSQL DB

Environment. In the top right corner of the page, Select the "Launch" button:



And just like that you should be presented with your brand-new Cloudant NoSQL DB, ready to be leveraged in any way you so like:

Step 9: Create Databases

