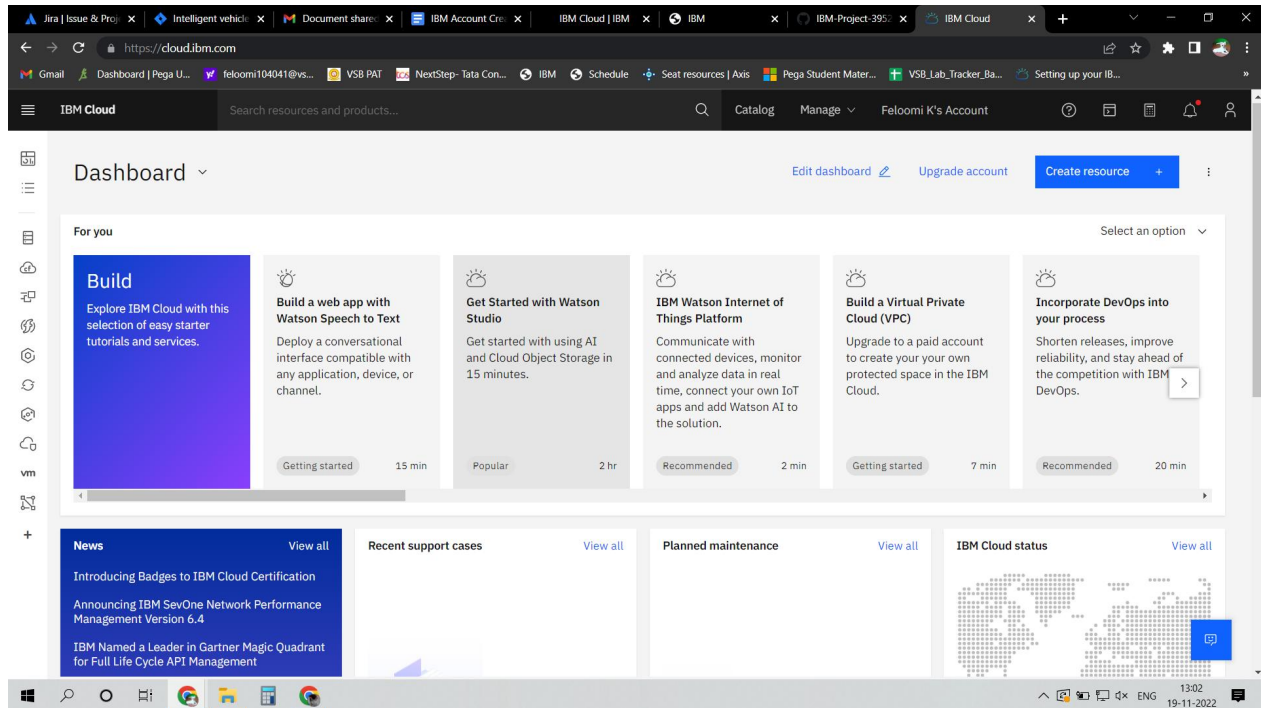


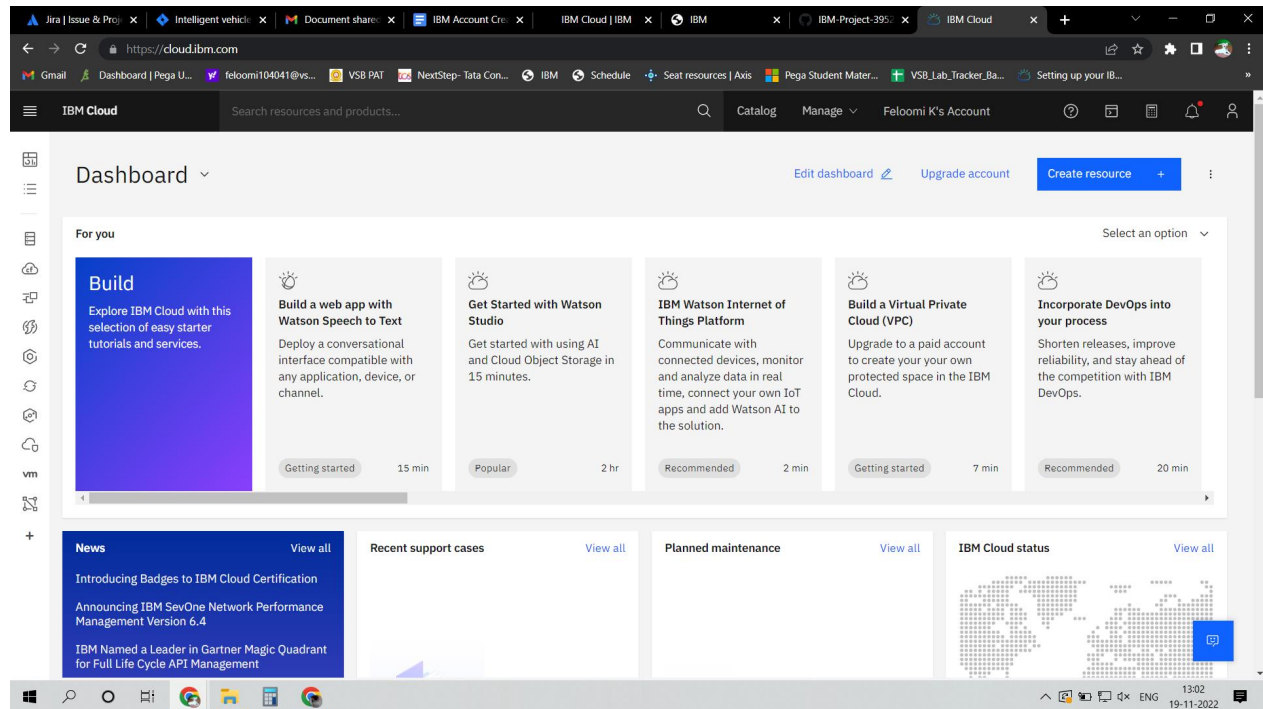
# Cloudant DB

Register & login IBM cloud:

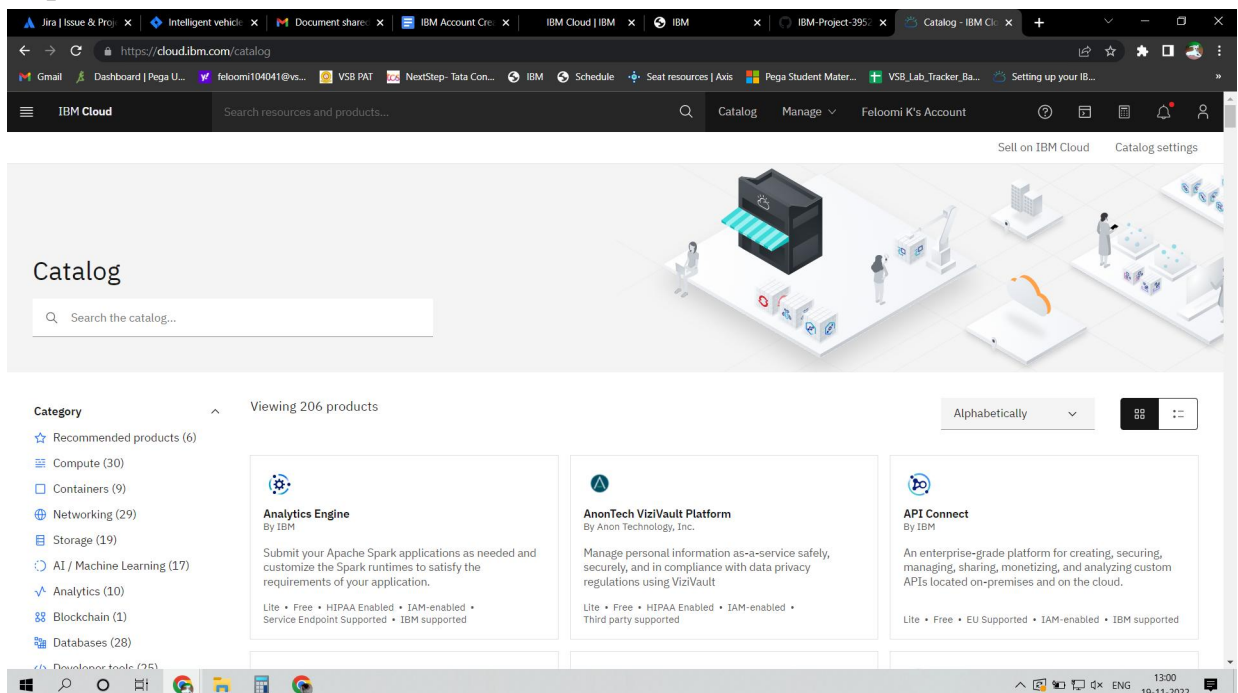


Create service instance:

Step 1:



Step2:



### Step 3

The screenshot shows the IBM Cloudant console in a web browser. The browser's address bar displays the URL: `https://cloud.ibm.com/catalog/services/cloudant?bss_account=baddfb1d94dd47a0a7376cb12ceea69d`. The page header includes the IBM Cloud logo, a search bar, and navigation links for 'Catalog', 'Manage', and 'Feloomi K's Account'. A blue banner at the top of the page reads: 'Get started on Cloudant with 600 USD in cloud credits. Apply code CLOUDANTFREE600 to get started now.'

The main content area is titled 'Cloudant' and describes it as 'A scalable JSON document database for web, mobile, IoT, and serverless applications.' Below this, there are two tabs: 'Create' (selected) and 'About'. The 'Create' tab is divided into two sections: 'Select an offering' and 'Select an environment'.

In the 'Select an offering' section, there is a single card for 'Cloudant' with the description: 'IBM Cloudant is a fully managed JSON document database that offers independent serverless scaling of throughput capacity and storage. Lite plan available'. Below this, the 'Select an environment' section has two tabs: 'Multitenant' (selected) and 'Dedicated'.

On the right side of the page, there is a 'Summary' panel. It lists the 'Cloudant Lite' plan, which is 'Free'. The summary table is as follows:

Cloudant Lite	Free
20 Reads/sec	Free
10 Writes/sec	Free
5 Global Queries/sec	Free
1 GB Storage	Included

At the bottom of the 'Summary' panel, there are two buttons: 'Create' (in blue) and 'Add to estimate' (in white with a blue border). The bottom of the browser window shows the Windows taskbar with various application icons and the system clock displaying '1303 19-11-2022'.

## Step 4:

Available regions

London

Configure Cloudant instance

Instance name: Cloudant-ub

Resource group: Default

Tags: Examples: env:dev, version:1

Authentication method: IAM

Plan

- Lite** (Selected)  
Full functionality for development and evaluation with a set capacity. Only one Lite plan instance per account.
- Standard**  
Granular control over provisioned throughput capacity allocated. Billing prorated hourly.

Summary

**1 Cloudant Lite** **Free**

- 20 Reads/sec: Free
- 10 Writes/sec: Free
- 5 Global Queries/sec: Free
- 1 GB Storage: Included

Create

Add to estimate

## Create service credentials:

### Step 1:

Resource list / Cloudant-x2 Active Add tags

Details Actions...

Manage Overview Capacity Docs

Service credentials

Plan

Connections

Deployment details

CRN: crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/baddfb1d94dd47a0a7376cb12ceea69d:9562cdac-5764-42e7-b667-0447d5d0cc2::

Location: London

External endpoint: <https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudant.com>

External endpoint (preferred): <https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud>

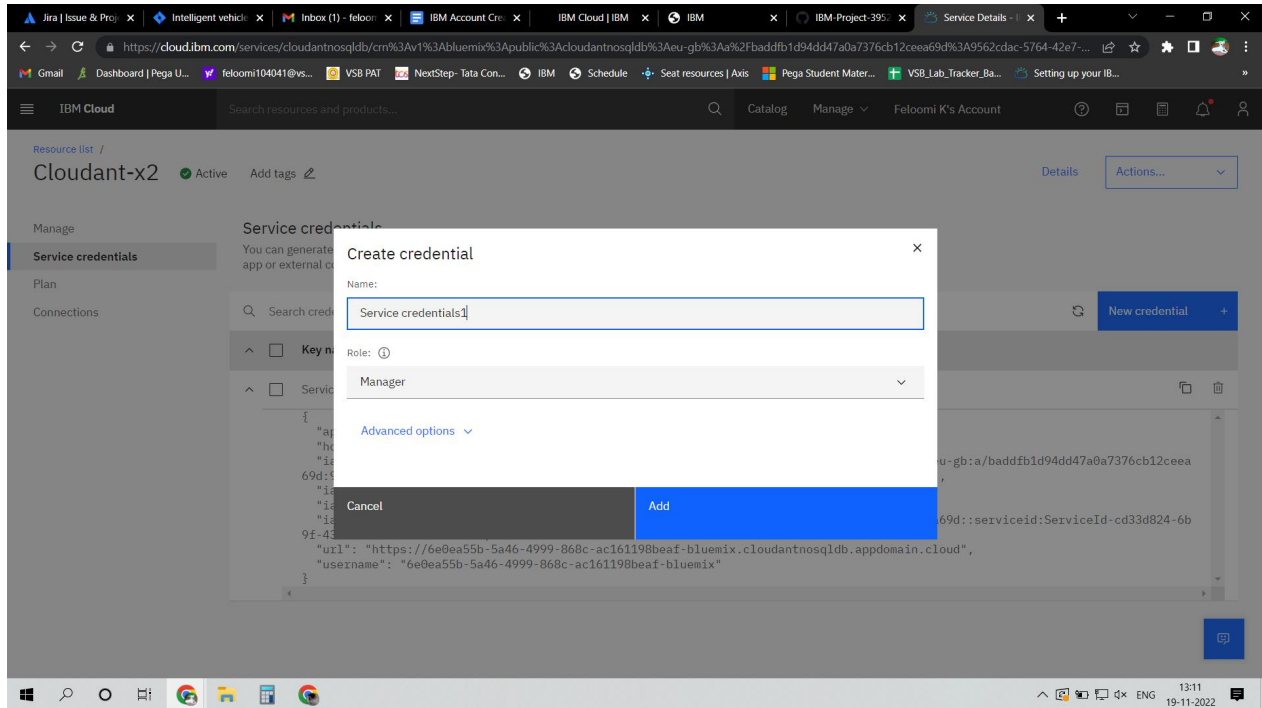
Authentication methods: IBM Cloud IAM

Activity Tracker event types

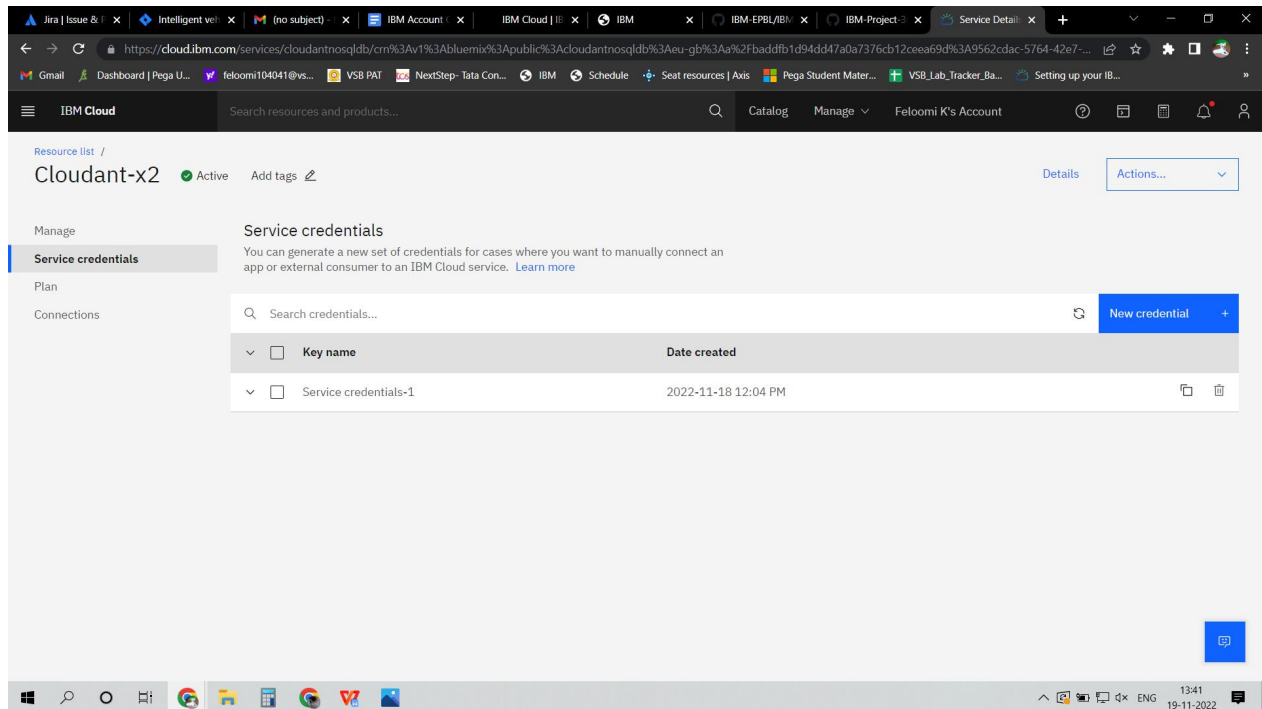
Disk encryption: Yes. Automatically generated disk encryption key.

Launch Dashboard

## Step 2:



## Step 3:



## Step 4:

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM logo and various account and resource links. The main content area is titled 'Cloudant-x2' and shows the 'Service credentials' section. A table lists the credentials, with one entry selected: 'Service credentials-1' created on '2022-11-18 12:04 PM'. The details of this credential are displayed in a code block, showing a JSON object with fields like 'apikey', 'host', 'iam\_apikey\_description', 'iam\_apikey\_name', 'iam\_role\_crn', 'iam\_serviceid\_crn', 'url', and 'username'.

```
{
  "apikey": "wdmCb0gFYsyVbuInTstD2M-Hy_RI82jxU_BCqaKN1oYR",
  "host": "6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud",
  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/baddfb1d94dd47a0a7376cb12ceea69d:9562cdac-5764-42e7-b667-0447d5d0cc2c::resource-key:bc355251-6299-41cf-bda5-0868c78d656d",
  "iam_apikey_name": "Service credentials-1",
  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",
  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/baddfb1d94dd47a0a7376cb12ceea69d::serviceid:ServiceId-cd33d824-6b9f-434e-a20b-4762f29f44af",
  "url": "https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud",
  "username": "6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix"
}
```

## Launch cloudant DB:

### Step 1:

The screenshot shows the IBM Cloud console interface, specifically the 'Overview' page for the 'Cloudant-x2' resource. The page displays various deployment details in a table format:

Deployment details	
CRN	crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/baddfb1d94dd47a0a7376cb12ceea69d:9562cdac-5764-42e7-b667-0447d5d0cc2c::
Location	London
External endpoint	<a href="https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudant.com">https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudant.com</a>
External endpoint (preferred)	<a href="https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud">https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud</a>
Authentication methods	<a href="#">IBM Cloud IAM</a>
Activity Tracker event types	
Disk encryption	Yes. Automatically generated disk encryption key.

## Step2:

Resource list / Cloudant-x2 Active Add tags Details Actions...

Manage

**Service credentials**

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Plan

Connections

Search credentials...

New credential +

<input type="checkbox"/>	Key name	Date created	
<input type="checkbox"/>	Service credentials-1	2022-11-18 12:04 PM	<span></span> <span></span>

## Create Database:

Resource list / Cloudant-x2 Active Add tags Details Actions...

Manage

**Service credentials**

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Plan

Connections

Search credentials...

New credential +

<input type="checkbox"/>	Key name	Date created	
<input checked="" type="checkbox"/>	Service credentials-1	2022-11-18 12:04 PM	<span></span> <span></span>

```
{  "apikey": "wdmCb0gFYsyVbuInTstD2M-Hy_RI82jxU_BCqaKNoYR",  "host": "6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud",  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/baddfb1d94dd47a0a7376cb12ceea69d:9562cdac-5764-42e7-b667-0447d5d8cc2c:resource-key:bc355251-6299-41cf-bda5-0868c70d656d",  "iam_apikey_name": "Service credentials-1",  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Manager",  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/baddfb1d94dd47a0a7376cb12ceea69d::serviceid:ServiceId-cd33d824-6b9f-434e-a20b-4762f29f44af",  "url": "https://6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix.cloudantnosqldb.appdomain.cloud",  "username": "6e0ea55b-5a46-4999-868c-ac161198beaf-bluemix"}
```