Sprint-3

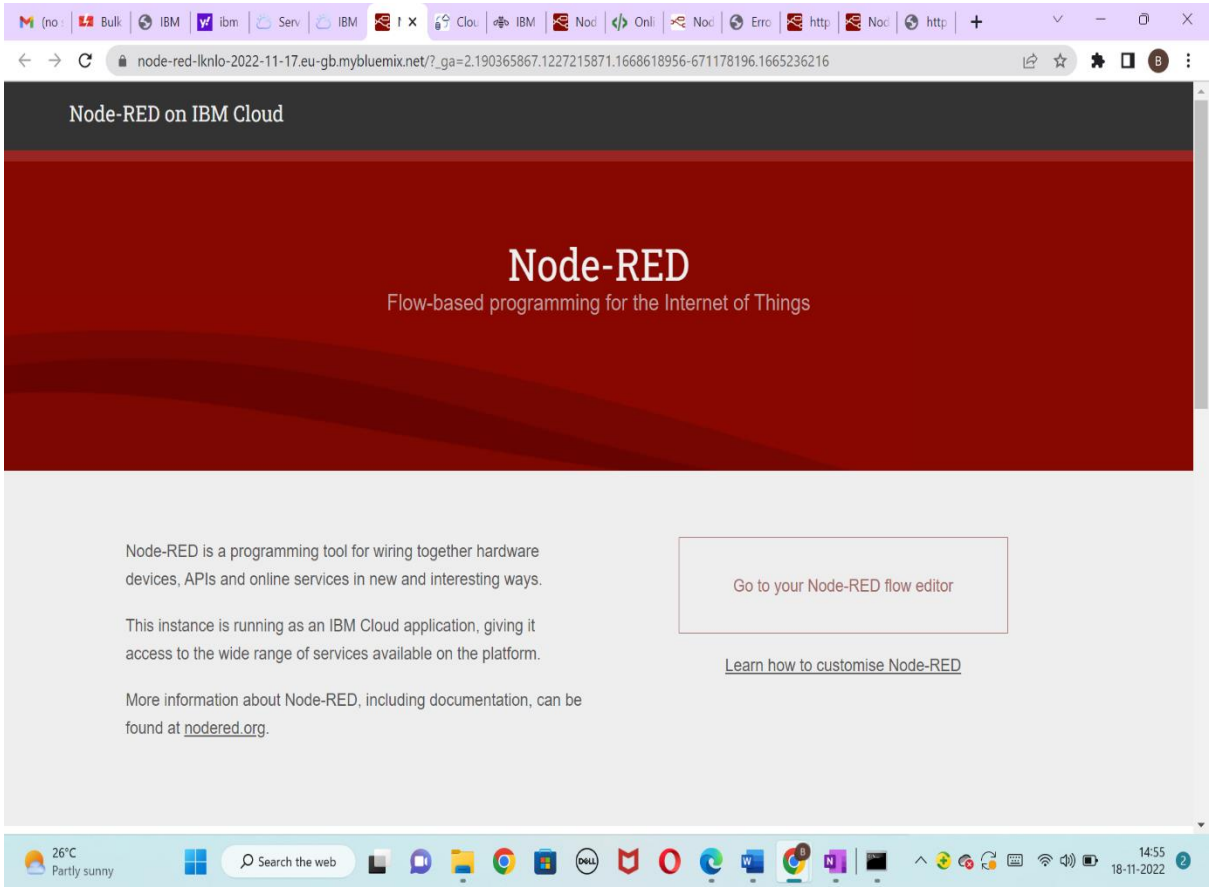
Team ID	PNT2022TMID26475
Project Name	IOT Based Safety Gadget for Child Safety Monitoring and Notification.
Team Members	Adhilakshmi,Bhargavi,Bhuvaneshwari,Hemapriya

Goal:

Creating a Web Application through which the user interacts with the device & create a Database in Cloudant DB.

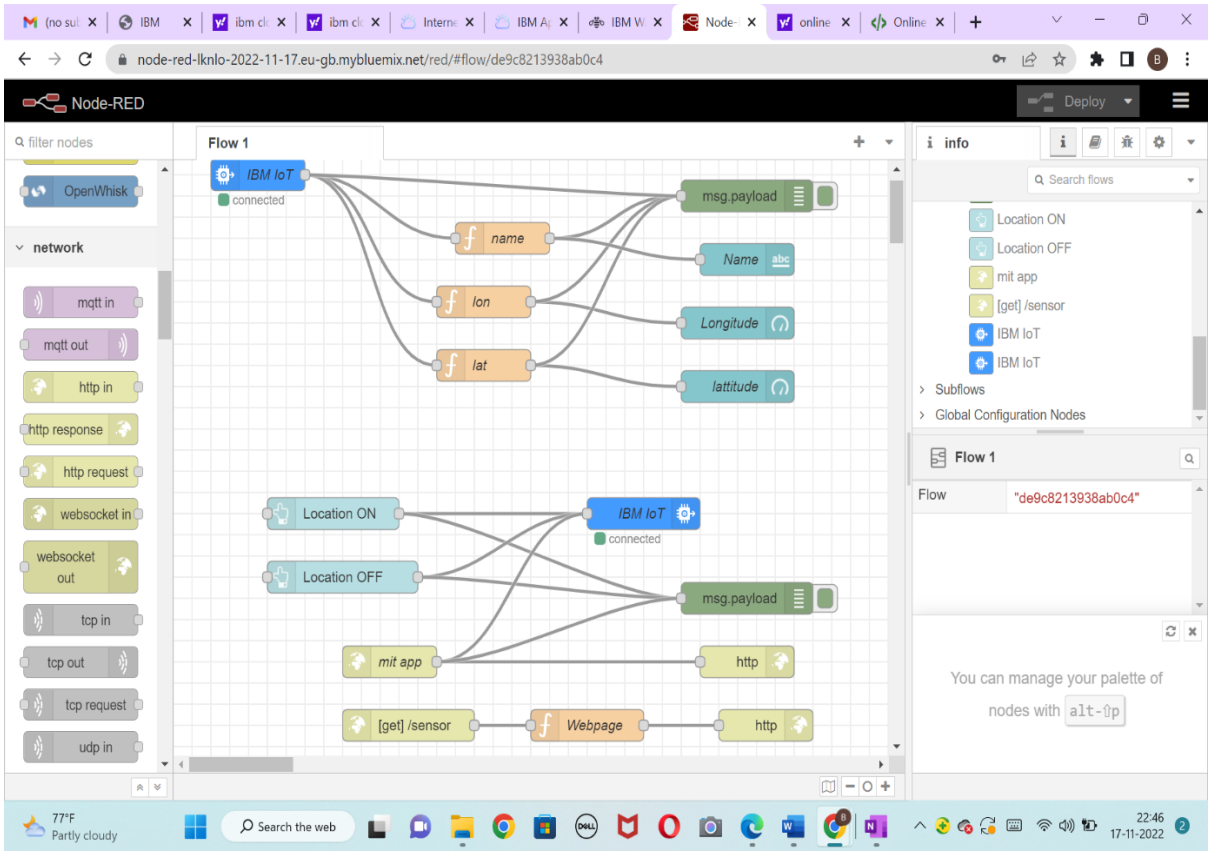
Step 1:

Create Node-RED service



Step 2:

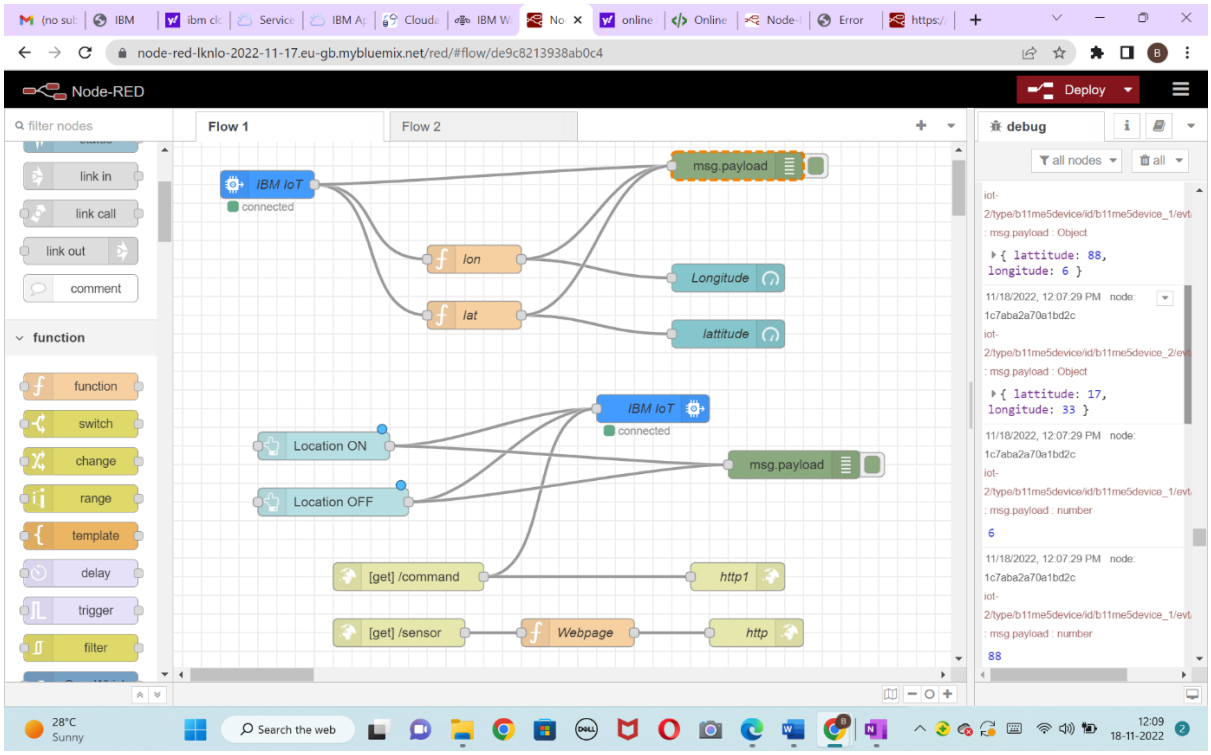
Connect the node in Workflow:



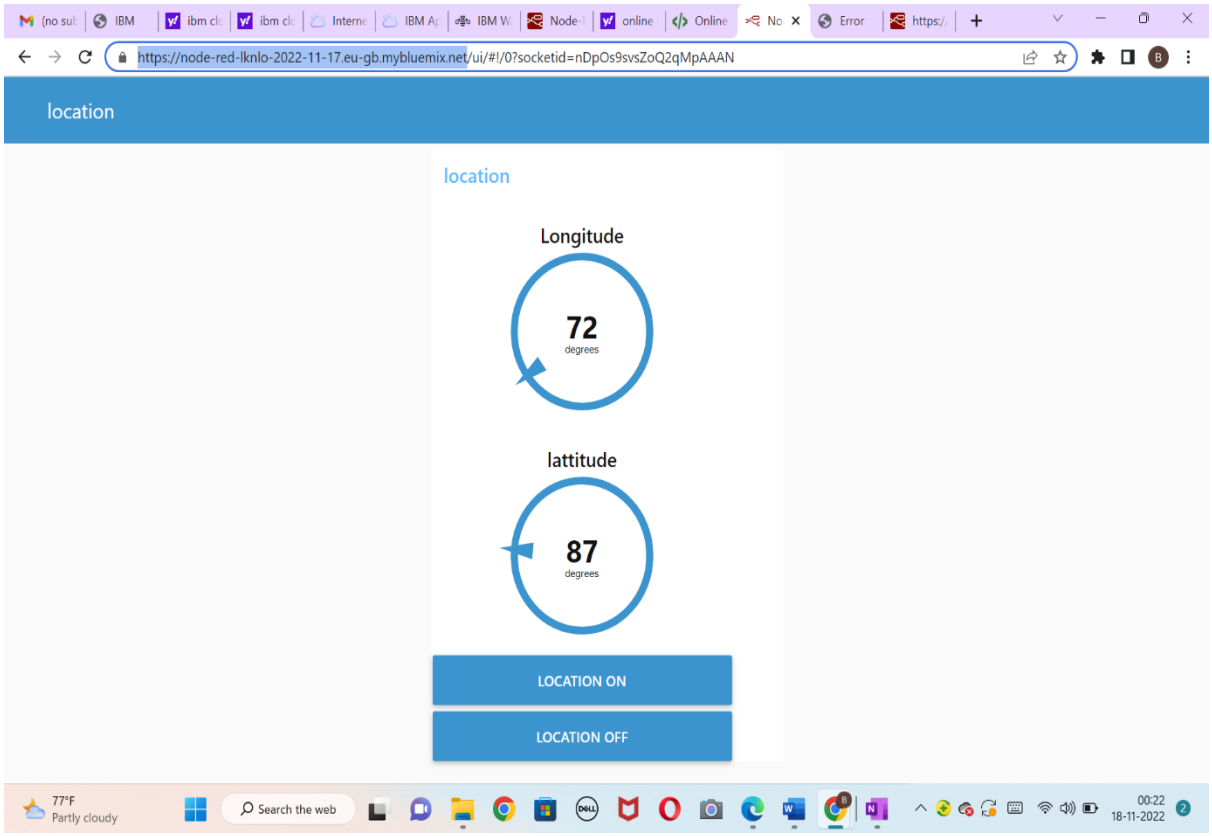
Step 3:

Install palette

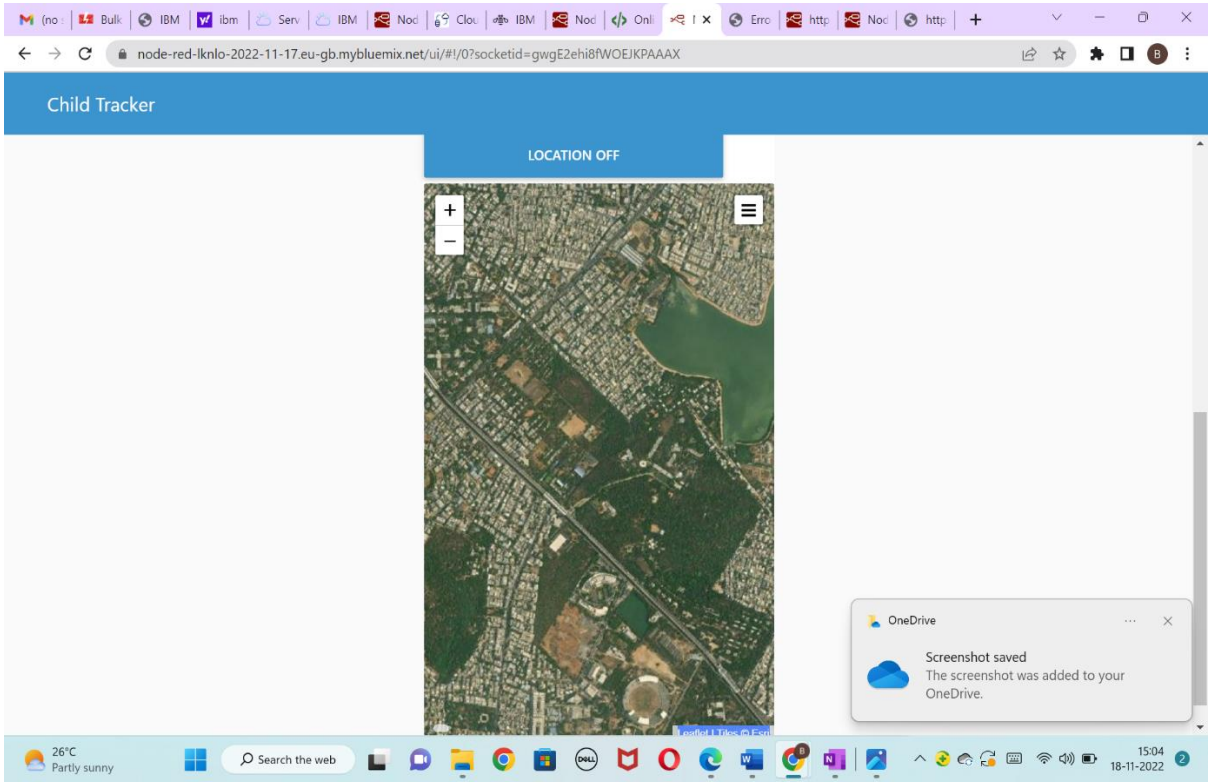
- Node-red-dashboard
- Node-red-contrib-scx-ibmiotapp


node-red-lknlo-2022-11-17.eu-gb.mybluemix.net/red/#flow/de9c8213938ab0c4
Node-RED
Deploy
Flow 1
Flow 2
debug
IBM IoT
connected
msg.payload
lon
lat
Longitude
lattitude
Location ON
Location OFF
[get] /command
[get] /sensor
Webpage
http1
http
function
switch
change
range
template
delay
trigger
filter
link in
link call
link out
comment

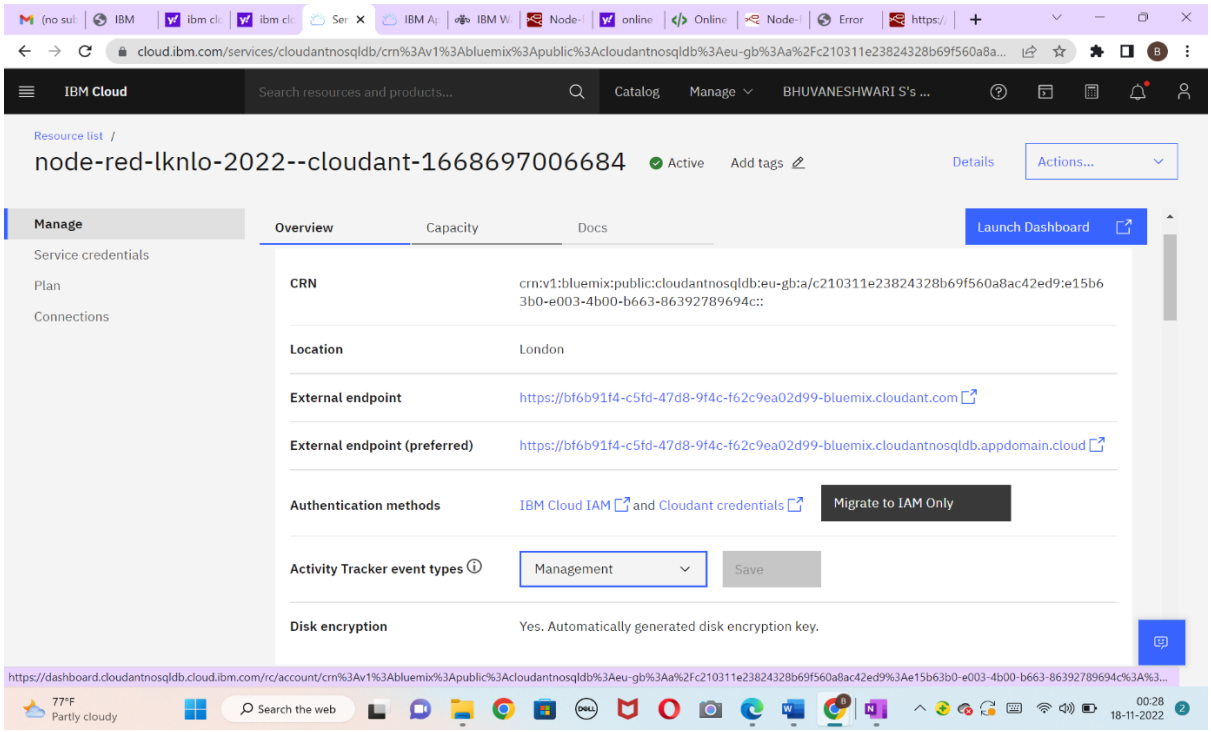
Step 4:


https://node-red-lknlo-2022-11-17.eu-gb.mybluemix.net/ui/#!/0?socketid=nDpOs9svsZoQ2qMpAAAN
location
location
Longitude
72
degrees
lattitude
87
degrees
LOCATION ON
LOCATION OFF

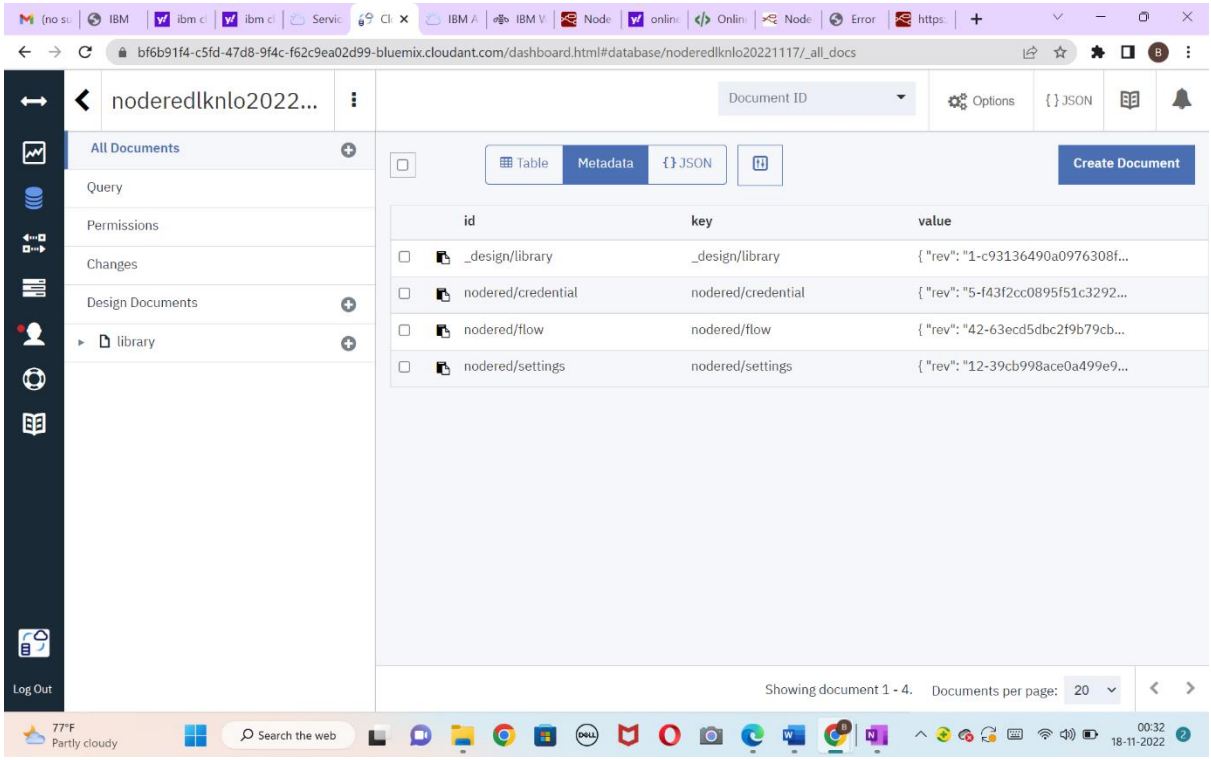
Step 5:


node-red-lknlo-2022-11-17.eu-gb.mybluemix.net/ui/#!/0?socketid=gwgE2ehi8fWOEJKPAAAX
Child Tracker
LOCATION OFF
OneDrive
Screenshot saved
The screenshot was added to your OneDrive.
26°C
Partly sunny
Search the web
15:04
18-11-2022

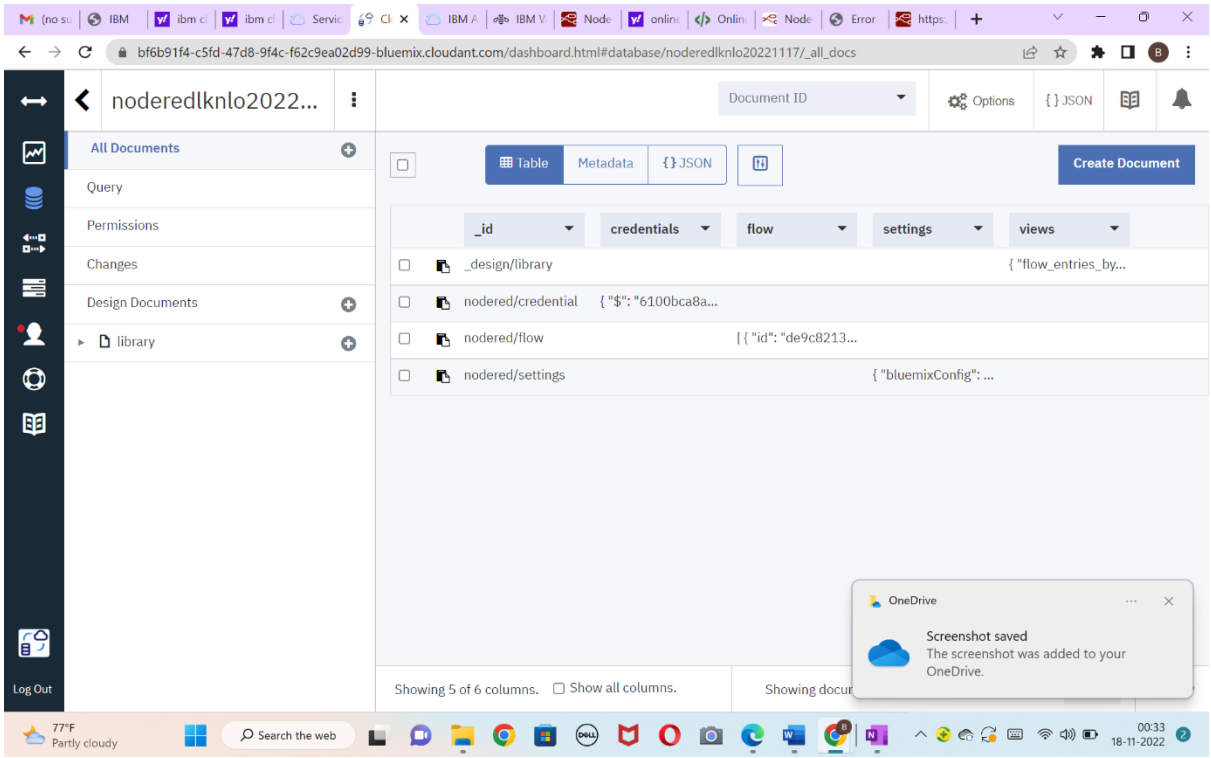
Step 6:


cloud.ibm.com/services/cloudantnosqldb/crn%3Av1%3Abluemix%3Apublic%3Acloudantnosqldb%3Aeu-gb%3Aa%2Fc210311e23824328b69f560a8a...
IBM Cloud
Search resources and products...
Catalog
Manage
BHUVANESHWARI S's ...
Resource list /
node-red-lknlo-2022--cloudant-1668697006684
Active
Add tags
Details
Actions...
Manage
Service credentials
Plan
Connections
Overview
Capacity
Docs
Launch Dashboard
CRN
crn:v1:bluemix:public:cloudantnosqldb:eu-gb:a/c210311e23824328b69f560a8ac42ed9:e15b63b0-e003-4b00-b663-86392789694c::
Location
London
External endpoint
https://bf6b91f4-c5fd-47d8-9f4c-f62c9ea02d99-bluemix.cloudant.com
External endpoint (preferred)
https://bf6b91f4-c5fd-47d8-9f4c-f62c9ea02d99-bluemix.cloudantnosqldb.appdomain.cloud
Authentication methods
IBM Cloud IAM and Cloudant credentials
Migrate to IAM Only
Activity Tracker event types
Management
Save
Disk encryption
Yes. Automatically generated disk encryption key.
77°F
Partly cloudy
Search the web
00:28
18-11-2022

Step 7:


bf6b91f4-c5fd-47d8-9f4c-f62c9ea02d99-bluemix.cloudant.com/dashboard.html#database/noderedlknlo20221117/_all_docs
noderedlknlo2022...
Document ID
Options
{ } JSON
All Documents
Query
Permissions
Changes
Design Documents
library
Table
Metadata
{} JSON
Create Document
id
key
value
_design/library
_design/library
{ "rev": "1-c93136490a0976308f...
nodered/credential
nodered/credential
{ "rev": "5-f43f2cc0895f51c3292...
nodered/flow
nodered/flow
{ "rev": "42-63ecd5dbc2f9b79cb...
nodered/settings
nodered/settings
{ "rev": "12-39cb998ace0a499e9...
Showing document 1 - 4.
Documents per page:
20
Log Out
77°F
Partly cloudy
Search the web
00:32
18-11-2022

Step 8:


bf6b91f4-c5fd-47d8-9f4c-f62c9ea02d99-bluemix.cloudant.com/dashboard.html#database/noderedlknlo20221117/_all_docs
noderedlknlo2022...
Document ID
Options
{ } JSON
All Documents
Query
Permissions
Changes
Design Documents
library
Table
Metadata
{} JSON
Create Document
_id
credentials
flow
settings
views
_design/library
{ "flow_entries_by...
nodered/credential
{ "$": "6100bca8a...
nodered/flow
[{ "id": "de9c8213...
nodered/settings
{ "bluemixConfig": ...
OneDrive
Screenshot saved
The screenshot was added to your OneDrive.
Showing 5 of 6 columns.
Show all columns.
Log Out
77°F
Partly cloudy
Search the web
00:33
18-11-2022