

Project Development – Sprint 4

Iot Based Safety For Child Safety Monitoring & Notification

TEAM ID: PNT2022TMID20412

Creating Cloudant DB and integrating Node-Red with the Web UI

Create Cloudant DB:

The screenshot shows the IBM Cloud console interface. The top navigation bar includes the IBM logo, a search bar, and links to Catalog, Manage, and the user profile (Mohamed Arsath's Acc...). The main content area displays the resource list for 'node-red-xvqyc-2022--cloudant-1666110236541', which is in an 'Active' state. The 'Overview' tab is selected, showing deployment details:

- CRN:** crn:v1:bluemix:public:cloudantnosqldb:eu-de:a/ffb03c5544784d13bd7eb8145cc57fb893A6df...-89f9-8fb37474b4aa;
- Location:** Frankfurt
- External endpoint:** <https://c3e222f3-2ae3-48a0-a322-81b026dda538-bluemix.cloudant.com>
- External endpoint (preferred):** <https://c3e222f3-2ae3-48a0-a322-81b026dda538-bluemix.cloudantnosqldb.appdomain.cloud>
- Authentication methods:** IBM Cloud IAM and Cloudant credentials. A button 'Migrate to IAM Only' is visible.

The left sidebar shows 'Manage' options: Service credentials, Plan, and Connections. A 'Launch Dashboard' button is in the top right of the details section.

The screenshot shows the Cloudant dashboard interface. The top navigation bar includes the IBM logo, a search bar, and links to Catalog, Manage, and the user profile (Mohamed Arsath's Acc...). The main content area displays the 'Databases' section, showing a list of databases:

Name	Size	# of Docs	Partitioned	Actions
noderedxvqyc20221018	30.6 KB	4	No	[Icons for actions]
tracker	0.9 KB	8	No	[Icons for actions]

The left sidebar shows a 'Log Out' button. The bottom status bar indicates 'Showing 1-2 of 2 databases. Databases per page 20'.

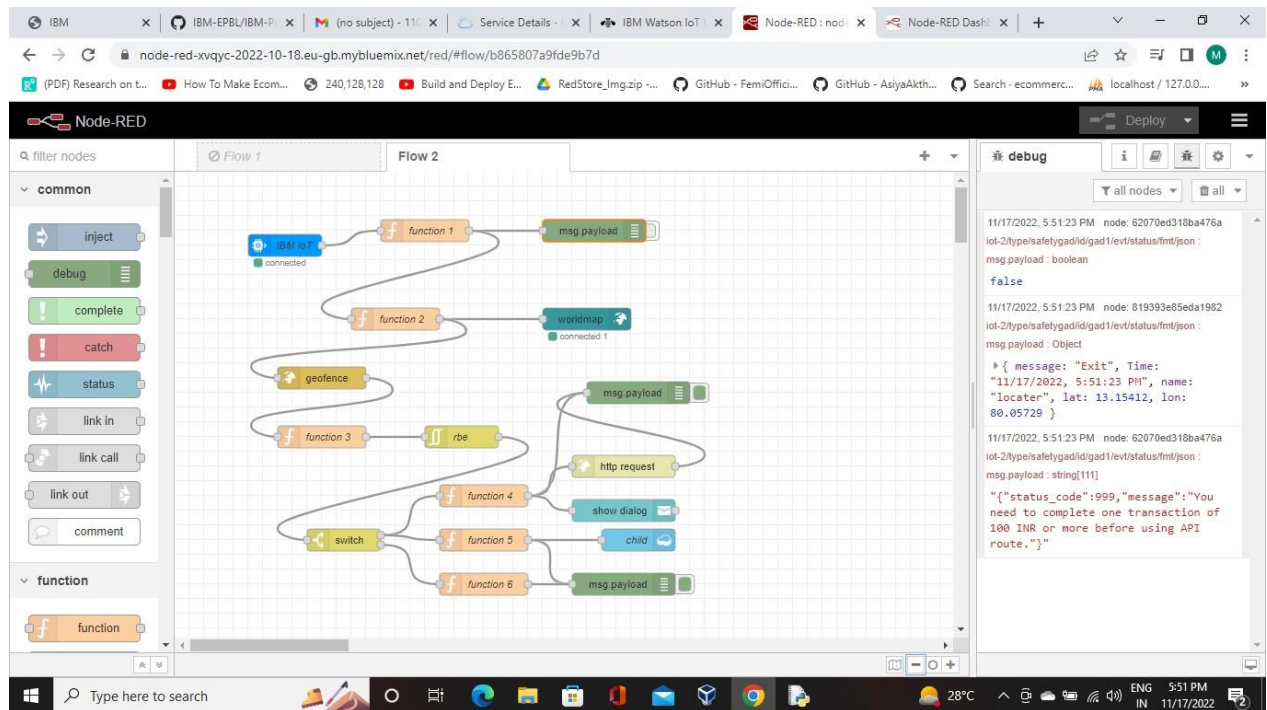
IBM Cloudant dashboard showing a tracker database. The interface includes a sidebar with navigation options like All Documents, Query, Permissions, Changes, and Design Documents. The main area displays a table of documents with columns for id, key, and value. The table contains 8 documents, each with a unique id and a key-value pair. The bottom status bar shows 'Showing document 1 - 8. Documents per page: 30'.

id	key	value
243c8d3c82321defd52d973b3850c5...	243c8d3c82321defd52d973b3850c5...	{"rev": "1-1be28f38f381cb71781bb8...
3c5831168e309478fe65f3271ee4f7a3	3c5831168e309478fe65f3271ee4f7a3	{"rev": "1-d29f8b3aa0ac3dbc505a6...
4cc89929b02fd4c89952dee2b22a93...	4cc89929b02fd4c89952dee2b22a93...	{"rev": "1-db8d15522b93488c03e80...
4e1c9642039d888de745618b166f8...	4e1c9642039d888de745618b166f8...	{"rev": "1-ac6b5b0e78a9127c524ca...
59701335fcb58f8a32a115d07cc637fa	59701335fcb58f8a32a115d07cc637fa	{"rev": "1-0f158b6e4dfd987bbd9a3c...
a540e8c2ea76492b3f8f63aad920aa7e	a540e8c2ea76492b3f8f63aad920aa7e	{"rev": "1-2c477f293e593ce3f69eba...
df30687c4a21e2f76d40b7257aa278...	df30687c4a21e2f76d40b7257aa278...	{"rev": "1-e658fb3d010c611ef17fae...
f293c3bd3be052d89fb1b8320526b2...	f293c3bd3be052d89fb1b8320526b2...	{"rev": "1-9aec245bf9e918af2261c5...

Node-Red Service IN Area:

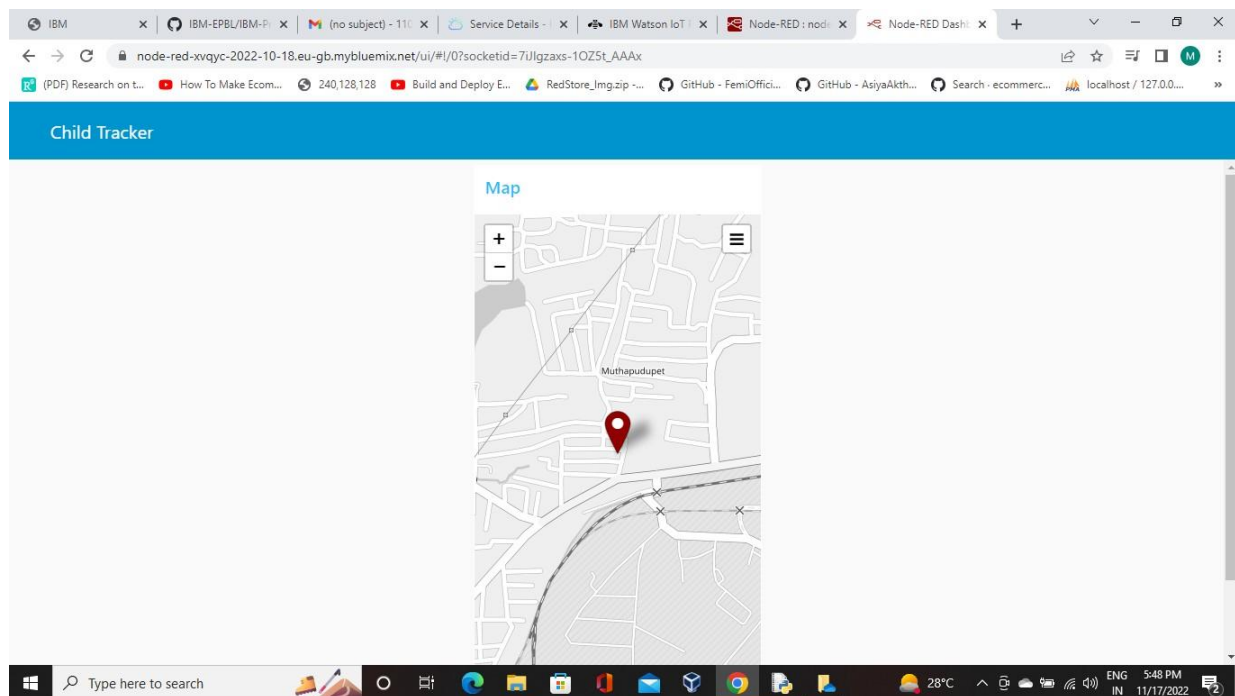
Node-RED web interface showing a flow diagram. The left sidebar lists nodes under 'common' and 'function' categories. The main workspace displays a flow diagram with nodes like inject, debug, complete, catch, status, link in, link call, link out, comment, function, geofence, worldmap, rbe, http request, show dialog, child, and msg payload. The right sidebar shows a debug console with a log entry for a message: 'Entry, Time: 11/17/2022, 5:52:21 PM, name: 'locater', lat: 13.145997614532394, lon: 80.0619303452179'.

Node-Red Service OUT Area:



Node-Red Dashboard(Web UI):

IN Area



OUT Area

