

Project Development – Sprint 4

Iot Based Safety For Child Safety Monitoring & Notification

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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 and a search bar. The main content area displays the details for a Cloudant service instance named 'node-red-xvqyc-2022--cloudant-1666110236541'. The instance is in an 'Active' state. The 'Overview' tab is selected, showing deployment details such as CRN, Location (Frankfurt), External endpoint, and Authentication methods (IBM Cloud IAM and Cloudant credentials). A 'Launch Dashboard' button is visible in the top right corner of the details panel.

Property	Value
CRN	crn:v1:bluemix:public:cloudantnosqldb:eu-de:a%3Aa%2Ffb03c5544784d13bd7eb8145cc57fb8%3A6df...-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

The screenshot shows the Cloudant dashboard interface. The top navigation bar includes the IBM logo and a search bar. The main content area displays a list of databases. The 'Your Databases' section shows a table with columns: Name, Size, # of Docs, Partitioned, and Actions. Two databases are listed: 'noderedxvqyc20221018' and 'tracker'.

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

Document ID

Options {} JSON

Create Document

id	key	value
243c8d3c82321defd52d973b3850c5...	243c8d3c82321defd52d973b3850c5...	{"rev": "1-1be28f38f381cb71781bb8..."}
3c5831168e309478fe65f3271ee4f7a3	3c5831168e309478fe65f3271ee4f7a3	{"rev": "1-d29f8b3aa06ac3dbc505a6..."}
4cc89929b02fd4c89952dee2b22a93...	4cc89929b02fd4c89952dee2b22a93...	{"rev": "1-db8d15522b93488c03e80..."}
4e1c9642039d888de745618b166f8...	4e1c9642039d888de745618b166f8...	{"rev": "1-ac6b5b0e78a9127c524ca..."}
59701335fcb58f8a32a115d07cc637fa	59701335fcb58f8a32a115d07cc637fa	{"rev": "1-0f158b6e4dfd987bbd9a3c..."}
a540e8c2ea76492b3f8f63aad920aa7e	a540e8c2ea76492b3f8f63aad920aa7e	{"rev": "1-2c477f293e593ce3f69eba..."}
df30687c4a21e2f76d40b7257aa278...	df30687c4a21e2f76d40b7257aa278...	{"rev": "1-e658fb3d010c611ef17fa..."}
f293c3bd3be052d89fb1b8320526b2...	f293c3bd3be052d89fb1b8320526b2...	{"rev": "1-9aec245bf9e918af2261c5..."}

Showing document 1 - 8. Documents per page: 30

Node-Red Service IN Area:

Node-RED

filter nodes

common

function

Flow 1

Flow 2

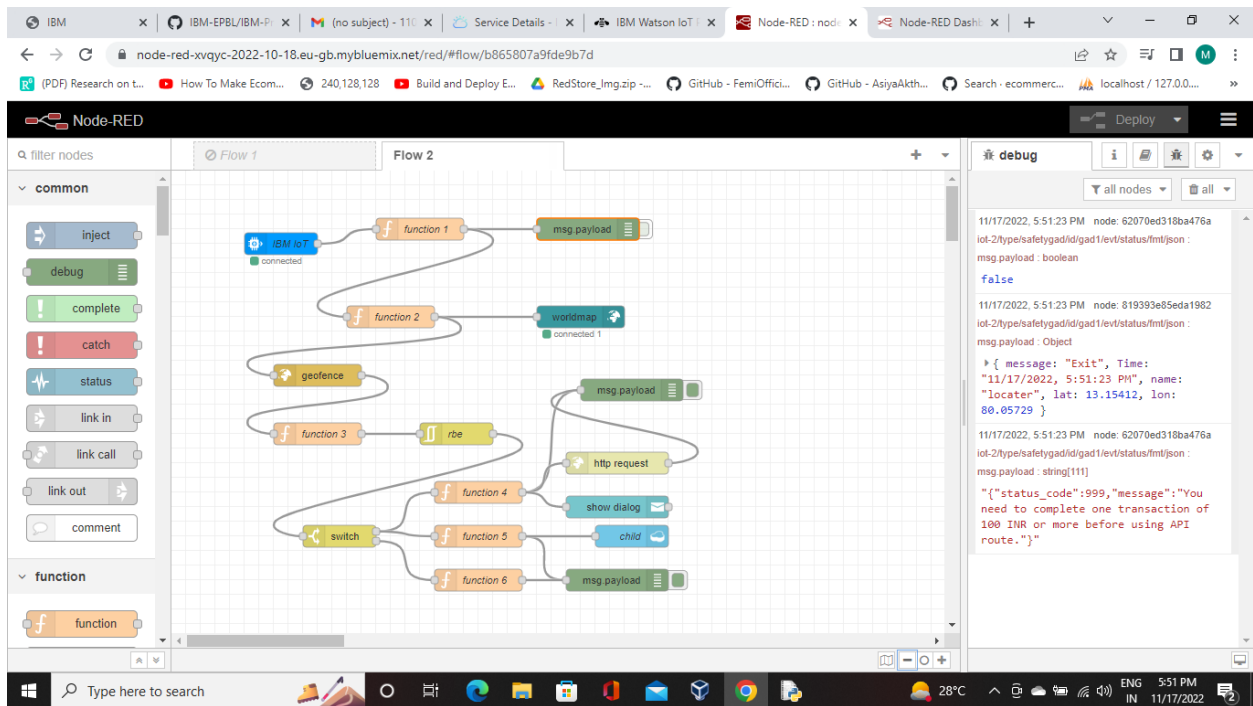
debug

```

11/17/2022, 5:52:20 PM node: 819393e85eda1982
iot-2/type/safetysad/ldgad1/evl/status/fmt/json :
msg payload : Object
> { message: "Entry", Time:
  "11/17/2022, 5:52:21 PM", name:
  "locator", lat: 13.14597614532394,
  lon: 80.0619303452179 }

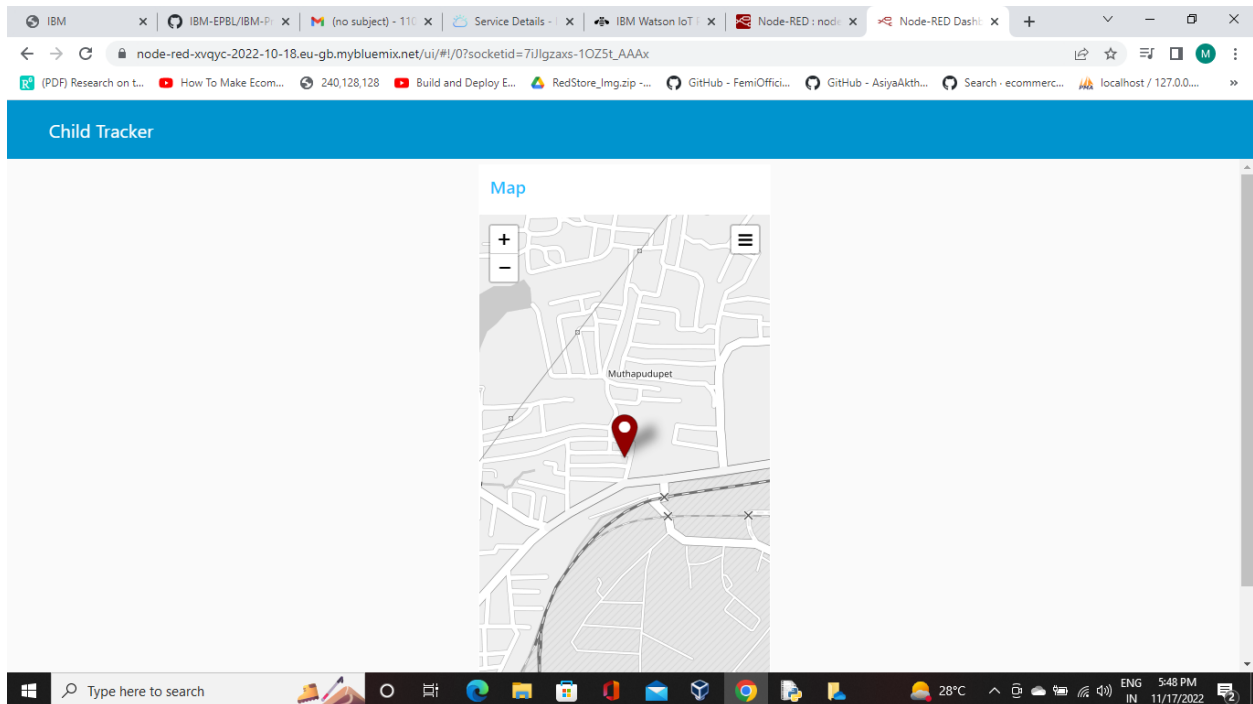
```

Node-Red Service OUT Area:



Node-Red Dashboard(Web UI):

IN Area



OUT Area

