

## Add a Cloudant Database to a workflow

**Note: Please complete the My First Node-RED application: Basics before using this card.**

- 1 In the Bluemix **CATALOG** view, Under **Services**, Data Management, Select **Cloudant NoSQL DB**
- 2 On the right-hand side, Add Service panel, select your Node-Red App, input a **Service Name**, and click **CREATE**.

- 3 Select to **Restage** your application. Wait a minute or two for your application to restart.
- 4 Return to your Node-RED editor (on the **DASHBOARD**, look for **ROUTES: Your URL**, and click the URL link
- 5 Scroll through the left palette and find the **storage** section, drag an instance of the **cloudant** output node to the canvas.



- 6 Double-click on the cloudant node to bring up the **Edit cloudant out node** panel. Configure the cloudant node. Use the pull-down to select your Cloudant service, make up a name for Database (the database will be automatically created if it doesn't exist), leave insert for the Operation and make up a Name for your node, and check the box to Only store msg.payload object. Click Ok.

- 7 Use your mouse to connect an input node (either your Twitter node or an Inject node) to the cloudant node. This connection stores the input payload (ie tweet) into the cloudant database.



## 8 Click the **Deploy** button



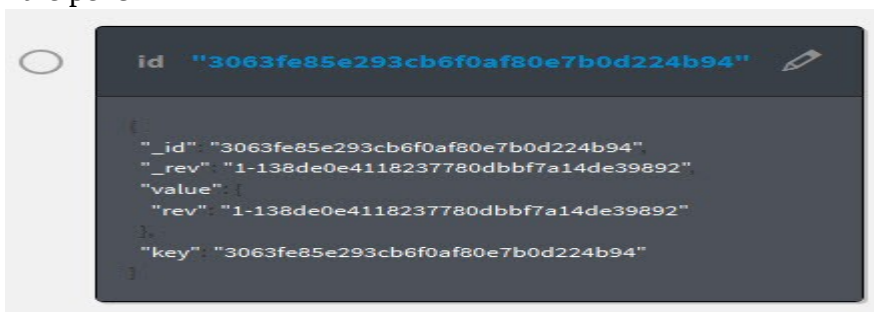
## 9 To make sure your tweets are being stored in Cloudant, return to the Bluemix Dashboard for your Node-RED application. Click on the Cloudant NoSQL DB with your database name and click LAUNCH.

## 10 Click on your database

 A screenshot of the Bluemix Dashboard showing a table titled "Your Databases". The table has five columns: Name, Size, # of Docs, Update Seq, and Actions. There is one row with the database name "rewcloudant", size "14.5 KB", 4 documents, and update sequence 4. The Actions column contains two icons: a left arrow and a right arrow.
 

Name	Size	# of Docs	Update Seq	Actions
rewcloudant	14.5 KB	4	4	

## 11 Click on the pencil



## 12 You should see a JSON document with your tweets stored.

```

{
  "_id": "3063fe85e293cb6f0af80e7b0d224b94",
  "_rev": "1-138de0e4118237780dbbf7a14de39892",
  "topic": "tweets/Digismartparent",
  "payload": "Top 10 Programming Languages Future Developers Should Know http://t.co/x00xulXx5z via @webki",
  "location": "",
  "lang": "en",
  "tweet": {
    "created_at": "Fri Jan 30 23:17:41 +0000 2015",
    "id": 561302260047937540,
    "id_str": "561302260047937536",
    "text": "Top 10 Programming Languages Future Developers Should Know http://t.co/x00xulXx5z via @webki"
  }
}
  
```