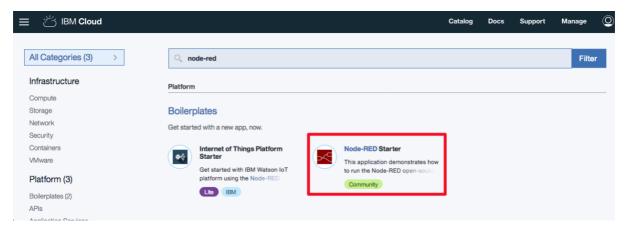
## **IBM Cloud Node-Red:**

- https://console.bluemix.net/docs/starters/Node-RED/nodered.html
- Sample REST API with Node-Red <a href="https://www.youtube.com/watch?v=GlkoFnK8hXY">https://www.youtube.com/watch?v=GlkoFnK8hXY</a>
- Sample Node-Red using CloudantDB as database:
  <a href="https://www.youtube.com/watch?v=FXm2Bk-tClc">https://www.youtube.com/watch?v=FXm2Bk-tClc</a>

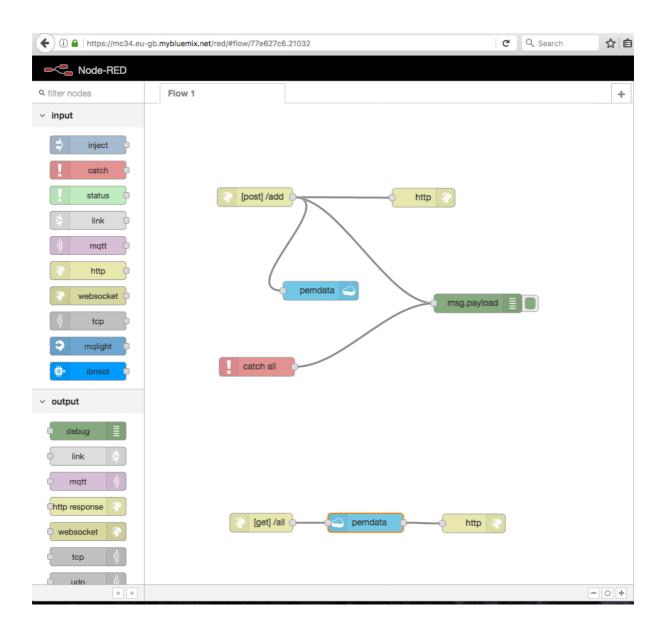
When you select Node-RED Start in IBM Cloud it would create all needed components including CloudantDB:



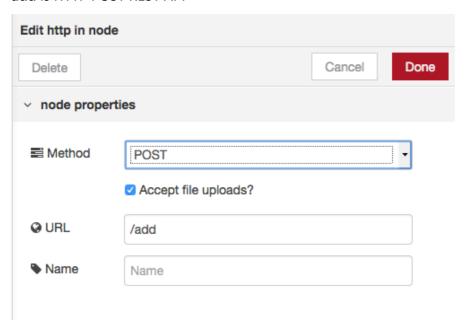
You can get more info on how to register on IBM Cloud (Bluemix) and create a Bluemix CloudantDB instance, configure REST APIs at the document "Sample bluemix cloudantDB connect:direct integration" and you can use the same document (page 6) to create a pemdata named database in CloudantDB Dashboard:

https://www.ibm.com/developerworks/community/forums/html/topic?id=3140d580-8579-48fc-89ed-f070dfc219b9

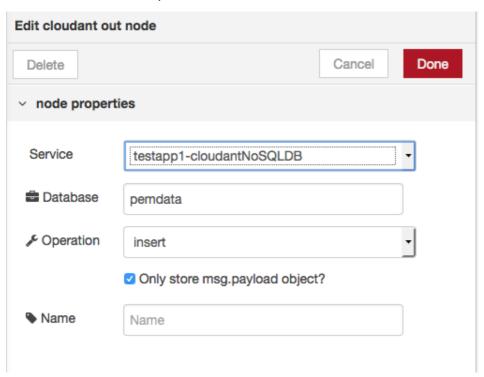
Sample Node-Red process created by me (You can skip the username password process in the first time you clicked the route link in UI since this is a proof of technology)



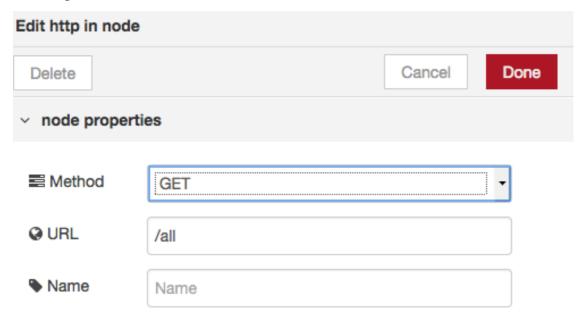
## add is HTTP POST REST API



pemdata is the CloudantDB storage (pemdata database can be created at your IBM CloudantDB Dashboard)



all is to get all documents In the database via HTTP GET REST API



pemdata after all is the CloudantDB get info returns all documents in database

