

Project Development - Delivery Of Sprint-3

Date	14-11-2022
Team ID	PNT2022TMID14419
ProjectName	Project-IoT Based Safety Gadget For Child Safety Monitoring & Notification
MaximumMarks	

IoT Device – Watson communication

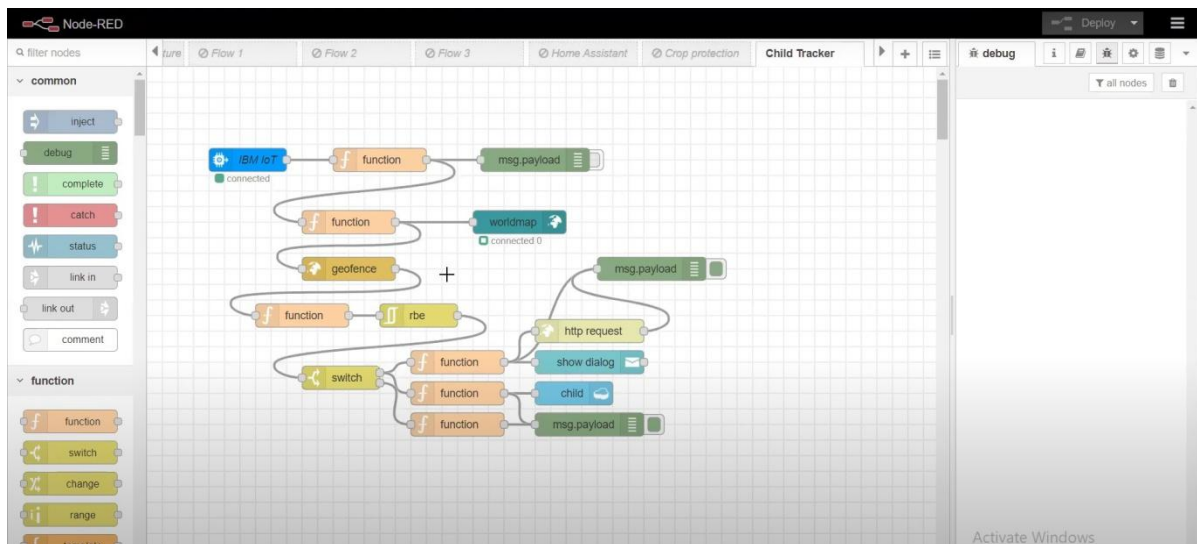
The data from IoT device should reach IBM Cloud

The screenshot shows the IBM Watson IoT Platform interface. The main heading is 'Browse Devices'. Below it, there are two tabs: 'All Devices' (selected) and 'Diagnose'. A descriptive text states: 'This table shows a summary of all devices that have been added. It can be filtered, organized, and searched on using different criteria. To get started, you can add devices by using the Add Device button, or by using API.' Below this is a search bar labeled 'Search by Device ID'. To the right of the search bar is a 'Device Simulator' toggle switch. The table below has columns: Device ID, Status, Device Type, Class ID, Date Added, and Descriptive Location. The table contains one row with the following data: Device ID: 12345, Status: Disconnected, Device Type: NodeMCU, Class ID: Device, Date Added: Nov 14, 2022 7:59 PM, Descriptive Location: (empty). At the bottom of the table, it says 'Items per page 50' and '1 of 1 page'.

Device ID	Status	Device Type	Class ID	Date Added	Descriptive Location
12345	Disconnected	NodeMCU	Device	Nov 14, 2022 7:59 PM	

Browse Action Device Types Interfaces				Add Device +	
The recent events listed show the live stream of data that is coming and going from this device.					
Event	Value	Format	Last Received		
data	{"Warning":28.95}	json	a few seconds ago		
data	{"Warning":28.95}	json	a few seconds ago		
data	{"Warning":49.98}	json	a minute ago		
data	{"Warning":49.98}	json	a minute ago		
data	{"Warning":11.03}	json	a minute ago		

NODE RED-CLOUDANTDB COMMUNICATION:



<div> </div> <div> </div> <div> </div> <div> </div> <div> </div> <div> </div>	<div>All Documents</div> <div>Query</div> <div>Permissions</div> <div>Changes</div> <div>Design Documents</div> <div>Log Out</div>	<div> <div>Table</div> <div>Metadata</div> <div>{ } JSON</div> <div>Create Document</div> </div> <table> <thead> <tr> <th>id</th><th>key</th><th>value</th></tr> </thead> <tbody> <tr> <td><input type="checkbox"/> 0198213c192cb2c244cc2433f1...</td><td>0198213c192cb2c244cc2433f1...</td><td>{ "rev": "1-cde2dd17c519394df...</td></tr> <tr> <td><input type="checkbox"/> 0198213c192cb2c244cc2433f1...</td><td>0198213c192cb2c244cc2433f1...</td><td>{ "rev": "1-d26c5b40891e13c6c...</td></tr> <tr> <td><input type="checkbox"/> 0198213c192cb2c244cc2433f1...</td><td>0198213c192cb2c244cc2433f1...</td><td>{ "rev": "1-cde2dd17c519394df...</td></tr> <tr> <td><input type="checkbox"/> 0198213c192cb2c244cc2433f1...</td><td>0198213c192cb2c244cc2433f1...</td><td>{ "rev": "1-f96eb0460bc16cfab0...</td></tr> <tr> <td><input type="checkbox"/> 1a921f21cbe229b86f599acb45...</td><td>1a921f21cbe229b86f599acb45...</td><td>{ "rev": "1-7226f08794cd47b7c...</td></tr> <tr> <td><input type="checkbox"/> 1a921f21cbe229b86f599acb45...</td><td>1a921f21cbe229b86f599acb45...</td><td>{ "rev": "1-1bbdd9a985bd56cf9...</td></tr> <tr> <td><input type="checkbox"/> 20a854e5445fa818e6c1de049...</td><td>20a854e5445fa818e6c1de049...</td><td>{ "rev": "1-7226f08794cd47b7c...</td></tr> <tr> <td><input type="checkbox"/> 20a854e5445fa818e6c1de049...</td><td>20a854e5445fa818e6c1de049...</td><td>{ "rev": "1-3ad288ecad57f039e...</td></tr> <tr> <td><input type="checkbox"/> 20a854e5445fa818e6c1de049...</td><td>20a854e5445fa818e6c1de049...</td><td>{ "rev": "1-1bbdd9a985bd56cf9...</td></tr> <tr> <td><input type="checkbox"/> 298ed6f6d9b3b815f5ac7c061e...</td><td>298ed6f6d9b3b815f5ac7c061e...</td><td>{ "rev": "1-de7240f6e5307a1h9...</td></tr> </tbody> </table> <div>Showing document 1 - 20. Documents per page: 20</div>	id	key	value	<input type="checkbox"/> 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df...	<input type="checkbox"/> 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-d26c5b40891e13c6c...	<input type="checkbox"/> 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-cde2dd17c519394df...	<input type="checkbox"/> 0198213c192cb2c244cc2433f1...	0198213c192cb2c244cc2433f1...	{ "rev": "1-f96eb0460bc16cfab0...	<input type="checkbox"/> 1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-7226f08794cd47b7c...	<input type="checkbox"/> 1a921f21cbe229b86f599acb45...	1a921f21cbe229b86f599acb45...	{ "rev": "1-1bbdd9a985bd56cf9...	<input type="checkbox"/> 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-7226f08794cd47b7c...	<input type="checkbox"/> 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-3ad288ecad57f039e...	<input type="checkbox"/> 20a854e5445fa818e6c1de049...	20a854e5445fa818e6c1de049...	{ "rev": "1-1bbdd9a985bd56cf9...	<input type="checkbox"/> 298ed6f6d9b3b815f5ac7c061e...	298ed6f6d9b3b815f5ac7c061e...	{ "rev": "1-de7240f6e5307a1h9...
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RESULT: The data stored in IBM Cloud should be properly integrated with Cloudbant DB