

Development Phase Sprint 2

Creation of devices in IBM Cloudant:

Resource list / Internet of Things Platform-n8 Active Add tags Details Actions...

Manage
Plan
Connections

Let's get started with IBM Watson IoT Platform
Securely connect, control, and manage devices. Quickly build IoT applications that analyze data from the physical world.
[Launch](#) [Docs](#)

Ready for the next level?
IBM Watson IoT Platform Journey

- Lite**
The Lite service plan provides a lightweight development environment to get you started with the connectivity capabilities of Watson IoT Platform.
 - Free
 - 200 MB data-transfer limit
 - 500 application bindings limit
 - 500 registered devices limit
- Non-Production**
The Non-Production service plan is a full-featured, fully-integrated offering that enables you to explore Watson IoT Platform to see how the service can fit into your IoT environment.
 - Starts at \$500 per month
 - Capacity limit based on device type
 - Optional Analytics Service and Blockchain Service add-ons
- Production**
The Production service is a fully managed SaaS offering that enables you to manage and analyze enterprise IoT data.
 - Includes IBM Service & Support
 - Pricing based on number of devices per device type
 - Optional Analytics Service and Blockchain Service add-ons

IBM Watson IoT Platform kira19224.ec@rmkcc.ac.in ID: (select org)

Cars

Collect data from and make value from it

[Learn More](#)

Browse Devices Powerful web dashboard Cookie Preferences

Creation and configure using Node Red:

The screenshot shows the Node-RED web interface in a browser. The main workspace displays a flow with several nodes: a 'booking' button, a 'QR CODE' node, a 'delay' node, a 'function' node labeled 'Storing data in DB', another 'function' node labeled 'QR Code data', a 'msg.payload' node, a 'switch' node, a 'form' node, a 'delay 5s' node, a 'Clear' button, and a 'Boarding Station' node. The 'Edit qrcode gen node' panel is open on the right, showing the following configuration:

- Name:** QR CODE
- ☐ Show actionable string in Status (max 150 char)
- Colors:** Background (white), QRcode (black)
- Type:** Html-Link or Text
- Text or URL:** https://example.com

The right sidebar shows the 'info' tab with a search bar and a list of flows. Below the list, the 'QR CODE' node is highlighted, showing its ID '771e00ab9c084301' and type 'qrcode-generator'. A note at the bottom of the sidebar states: 'You can confirm your changes in the node edit tray with `ctrl-enter` or cancel them with `ctrl-escape`'.

The screenshot shows the Node-RED web interface with a different flow. The main workspace displays a flow with nodes: a 'form' node, a 'delay 2s' node, a 'Clear' button, a 'Boarding Station' node, a 'Destination Station' node, and an 'IBM IoT' node. The 'Edit ibmiot in node' panel is open on the right, showing the following configuration:

- Authentication:** API Key
- API Key:** 0b4f321812a3e0d0
- Input Type:** Device Event
- Device Type:** ☐ All or h2
- Device Id:** ☐ All or h2
- Event:** ☒ All or +
- Format:** ☐ All or json
- QoS:** 0
- Name:** IBM IoT
- Service:** registered

The right sidebar shows the 'info' tab with a search bar and a list of flows. Below the list, the 'IBM IoT' node is highlighted, showing its ID 'a2281fcaef8b85823' and type 'ibmiot in'. A note at the bottom of the sidebar states: 'Search for nodes using `ctrl-f`'.