

Use Dashboard Nodes for Creating UI

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<u>Project Name</u>	Signs with Smart Connectivity for Better Road Saftey

STEP 1: CREATING IBM WATSON PLATFORM AND IOT DEVICE

The screenshot shows the IBM Watson IoT Dashboard interface. The top navigation bar includes 'Browse', 'Action', 'Device Types', and 'Interfaces'. A search bar is present with the text 'Search by Device ID'. The main table lists devices, with one device (ID 123) shown in a 'Disconnected' state. The device details panel is open, showing the following information:

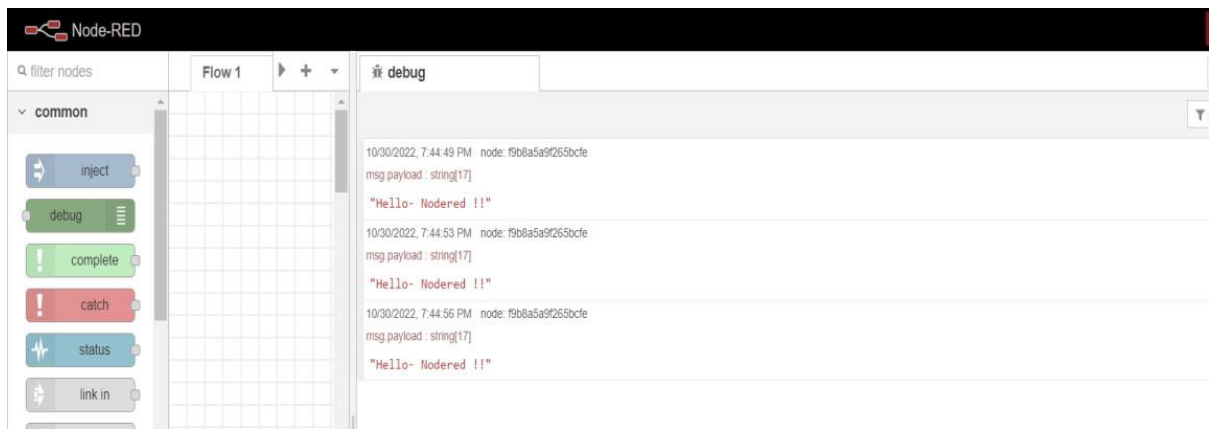
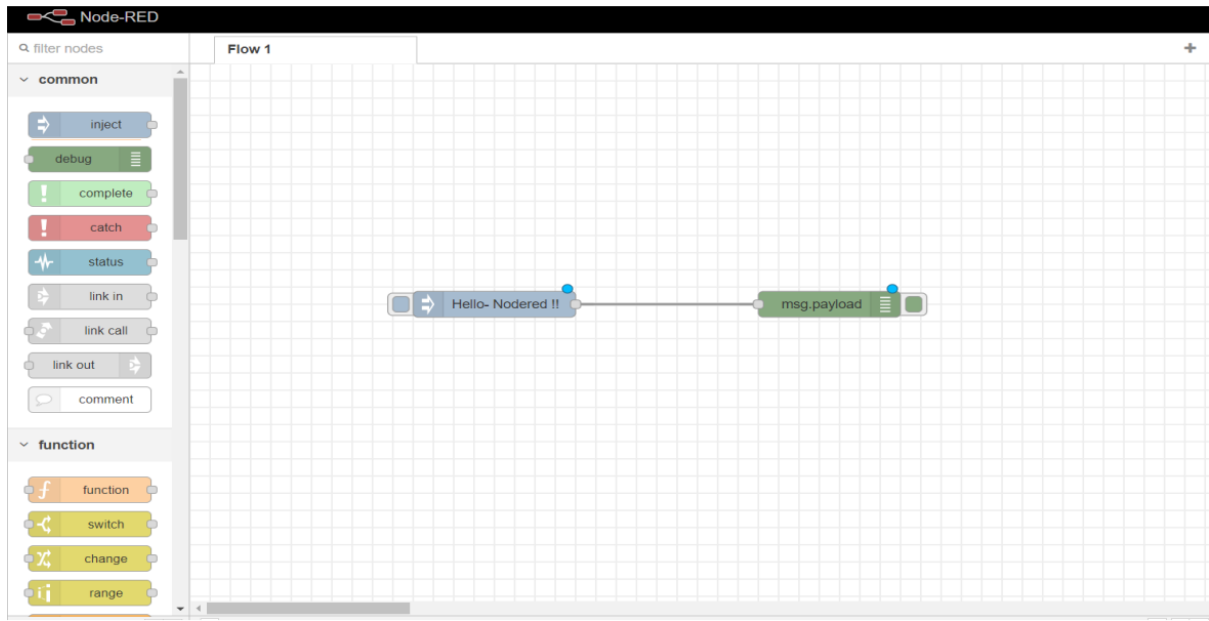
Identity	Device Information	Recent Events	State	Logs
Device ID	123			
Device Type	Ultrasonic			
Date Added	Oct 20, 2022 6:45 PM			
Added By	nharinandini@gmail.com			
Connection Status	Disconnected			

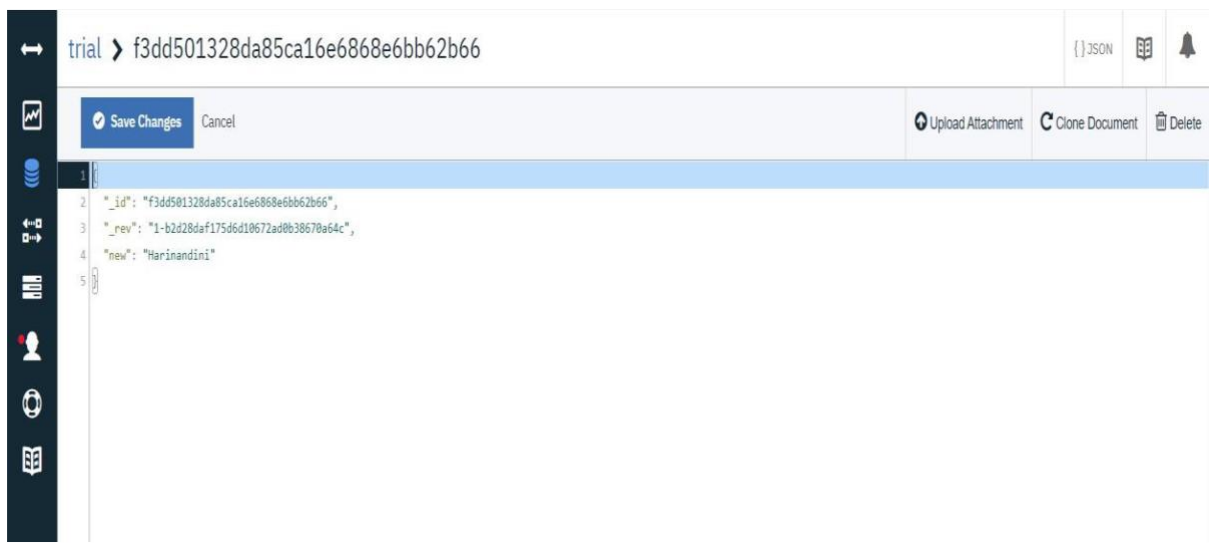
The screenshot shows the IBM Watson IoT Dashboard interface with the 'Recent Events' tab selected for device 123. The events list displays a stream of data with the following columns: Event, Value, Format, and Last Received.

Event	Value	Format	Last Received
event_1	{"randomNumber":37,"sampleObject":{"xcoord":...	json	a few seconds ago
event_1	{"randomNumber":27,"sampleObject":{"xcoord":...	json	a few seconds ago
event_1	{"randomNumber":44,"sampleObject":{"xcoord":...	json	a minute ago
event_1	{"randomNumber":15,"sampleObject":{"xcoord":...	json	a minute ago
event_1	{"randomNumber":8,"sampleObject":{"xcoord":3...	json	a minute ago

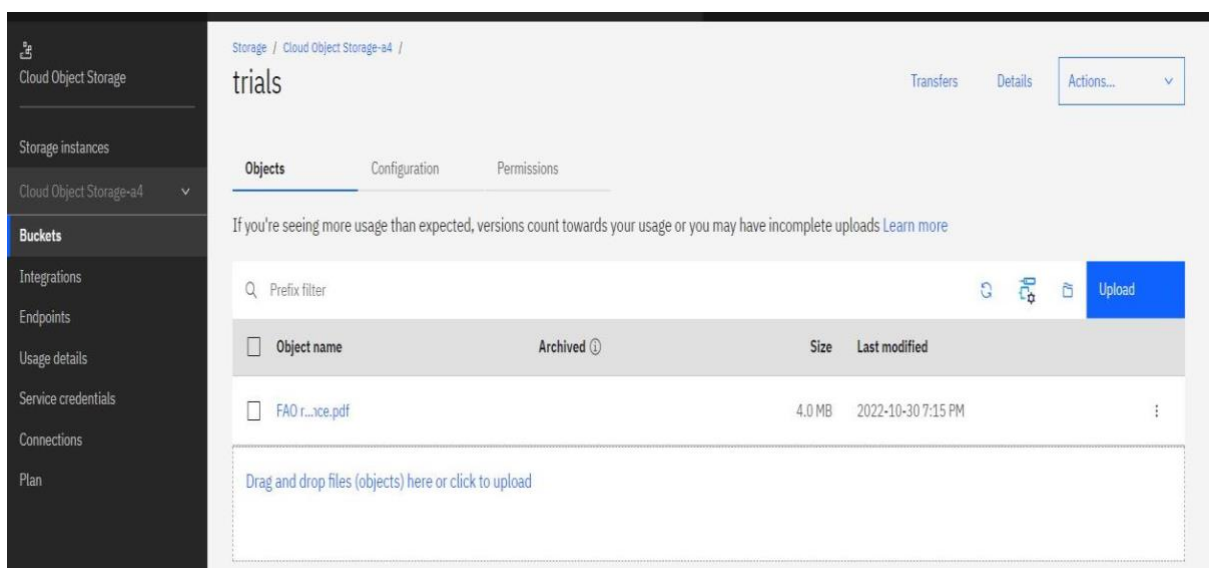
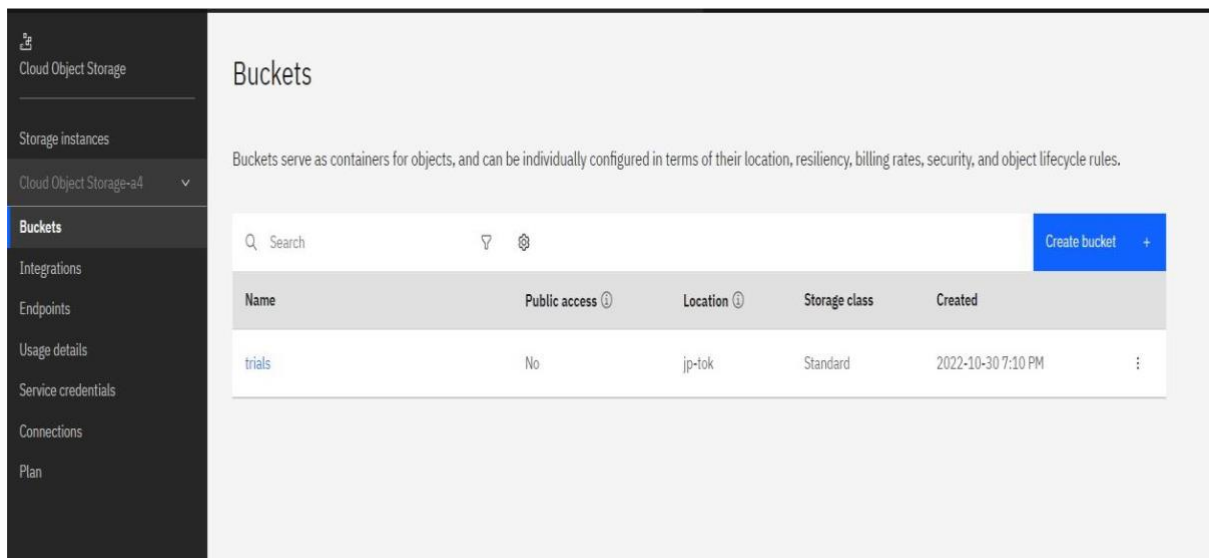
1 Simulation running

STEP-2: CREATING NODE-RED SERVICE





STEP-4: CREATING A CLOUD OBJECT STORAGE SERVICE



Cloud Object Storage

Storage instances

Cloud Object Storage-a4

Buckets

Integrations

Endpoints

Usage details

Service credentials

Connections

Plan

Service credentials

You can generate a new set of credentials for cases where you want to manually connect an app or external consumer to an IBM Cloud service. [Learn more](#)

Search credentials...

New credential +

Key name	Date created
Service credentials-1	2022-10-30 7:18 PM

```
{  "apikey": "9r1tyv5ogsE1XCqheTmjMviIMO-91w13eITH_H2okSKU",  "endpoints": "https://control.cloud-object-storage.cloud.ibm.com/v2/endpoints",  "iam_apikey_description": "Auto-generated for key crn:v1:bluemix:public:cloud-object-storage:global:a/a1da72822d9f4fb498b5bb3d0e3ab40a:8dd1ef82-d976-4153-b070-7ac9c4e61a5c:resource-key:0e2ba2e6-c966-4ff3-98ba-6211d29de258",  "iam_apikey_name": "Service credentials-1",  "iam_role_crn": "crn:v1:bluemix:public:iam:::serviceRole:Writer",  "iam_serviceid_crn": "crn:v1:bluemix:public:iam-identity::a/a1da72822d9f4fb498b5bb3d0e3ab40a::serviceid:ServiceId-28f3a4d0-b86b-4521-917a-5d336f6f9d28",  "resource_instance_id": "crn:v1:bluemix:public:cloud-object-storage:global:a/a1da72822d9f4fb498b5bb3d0e3ab40a:8dd1ef82-d976-4153-b070-7ac9c4e61a5c:"}
```