

IOT Based Smart Crop Protection System for Agriculture

Team ID : PNT2022TMID52016

Sprint 2

Create IBM Watson IOT Platform

The screenshot shows the IBM Cloud 'Internet of Things Platform' creation interface. The top navigation bar includes 'IBM Cloud', a search bar, 'Catalog', 'Manage', and the user account 'Kanjana SK's Account'. The main content area is titled 'Internet of Things Platform' and describes it as the hub for all things IBM IoT. It features a 'Create' tab and an 'About' tab. A sidebar on the left lists various service details: Type (Service), Provider (IBM), Last updated (08/15/2022), Category (Internet of Things), Compliance (IAM-enabled), Location (Frankfurt, London, Dallas, Washington DC), and Related links (Docs, Terms). The main content area has a 'Select a location' dropdown set to 'Frankfurt (eu-de)' and a 'Select a pricing plan' section. The pricing plan table shows a 'Lite' plan for 'Free' with features including up to 500 registered devices and 200 MB of data metric. A warning message on the right states: 'Existing Lite plan instance. You can have only 1 Lite plan instance of this service per resource group. Delete your current Lite plan instance in Default resource group to create a new one, or view the existing instance.' At the bottom, there is a checkbox for 'I have read and agree to the following license agreements:' and a 'Create' button.

Plan	Features	Pricing
Lite	Includes up to 500 registered devices, and a maximum of 200 MB of each data metric Maximum of 500 registered devices Maximum of 500 application bindings Maximum of 200 MB of each of data exchanged, data analyzed and edge data analyzed	Free

Create a device in the IBM Watson IOT platform and get the device credentials.

The screenshot shows the 'Device Drilldown - 12' page in the IBM Watson IoT Platform. The left sidebar contains a navigation menu with options: Device Credentials, Connection Information, Recent Events, State, Device Information, Metadata, Diagnostics, Connection Logs, and Device Actions. The main content area is titled 'Device Drilldown - 12' and features a 'Connection Information' section. This section provides basic connection information about the device, including: Device ID (12), Device Type (abcd), Date Added (Oct 30, 2022 12:06 PM), Added By (dvplaf3@gmail.com), and Connection Status (Disconnected).

Device ID	12
Device Type	abcd
Date Added	Oct 30, 2022 12:06 PM
Added By	dvplaf3@gmail.com
Connection Status	Disconnected

Creating Node-red services

